

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: Q3258
Client: Dal-Tile - Dickson Plant
Contact: Michel Gil

OrderDate: 10/1/2025 10:50:59 AM
Project: Waste Water
Location: D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3258-06	COMPOSITE	Water	Mercury	7470A	09/30/25	10/02/25	10/03/25	10/01/25
			Metals ICP-Group1	6010D		10/02/25	10/03/25	



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Hit Summary Sheet
SW-846

SDG No.: Q3258

Order ID: Q3258

Client: Dal-Tile - Dickson Plant

Project ID: Waste Water

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMPOSITE								
Q3258-06	COMPOSITE	Water	Arsenic	57.2		2.56	10.0	ug/L
Q3258-06	COMPOSITE	Water	Chromium	10.8		1.06	5.00	ug/L
Q3258-06	COMPOSITE	Water	Copper	21.5		2.30	10.0	ug/L
Q3258-06	COMPOSITE	Water	Lead	1.17	J	1.15	6.00	ug/L
Q3258-06	COMPOSITE	Water	Mercury	2.85		0.076	0.20	ug/L
Q3258-06	COMPOSITE	Water	Nickel	13.1	J	1.53	20.0	ug/L
Q3258-06	COMPOSITE	Water	Selenium	748		4.82	10.0	ug/L
Q3258-06	COMPOSITE	Water	Zinc	392		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Dal-Tile - Dickson Plant	Date Collected:	09/30/25
Project:	Waste Water	Date Received:	10/01/25
Client Sample ID:	COMPOSITE	SDG No.:	Q3258
Lab Sample ID:	Q3258-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	57.2		1	2.56	10.0	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010
7440-47-3	Chromium	10.8		1	1.06	5.00	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010
7440-50-8	Copper	21.5		1	2.30	10.0	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010
7439-92-1	Lead	1.17	J	1	1.15	6.00	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010
7439-97-6	Mercury	2.85		1	0.076	0.20	ug/L	10/02/25 14:20	10/03/25 11:57	7470A	
7440-02-0	Nickel	13.1	J	1	1.53	20.0	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010
7782-49-2	Selenium	748		1	4.82	10.0	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010
7440-66-6	Zinc	392		1	8.33	20.0	ug/L	10/02/25 10:20	10/03/25 15:29	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group1			

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: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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
ICV58	Mercury	4.11	4.0	103	90 - 110	CV	10/03/2025	11:12	LB137412

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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
CCV80	Mercury	5.26	5.0	105	90 - 110	CV	10/03/2025	11:16	LB137412
CCV81	Mercury	5.23	5.0	104	90 - 110	CV	10/03/2025	11:50	LB137412
CCV82	Mercury	4.53	5.0	91	90 - 110	CV	10/03/2025	12:35	LB137412

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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	3940	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Cadmium	1950	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Chromium	799	800	100	90 - 110	P	10/03/2025	12:18	LB137426
	Copper	1010	1000	101	90 - 110	P	10/03/2025	12:18	LB137426
	Lead	3840	4000	96	90 - 110	P	10/03/2025	12:18	LB137426
	Nickel	1960	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Selenium	3960	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Zinc	1980	2000	99	90 - 110	P	10/03/2025	12:18	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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	22.0	20.0	110	80 - 120	P	10/03/2025	13:05	LB137426
	Cadmium	6.05	6.0	101	80 - 120	P	10/03/2025	13:05	LB137426
	Chromium	10.4	10.0	104	80 - 120	P	10/03/2025	13:05	LB137426
	Copper	21.3	20.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Lead	12.8	12.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Nickel	41.3	40.0	103	80 - 120	P	10/03/2025	13:05	LB137426
	Selenium	19.3	20.0	96	80 - 120	P	10/03/2025	13:05	LB137426
	Zinc	42.4	40.0	106	80 - 120	P	10/03/2025	13:05	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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	5030	5000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Cadmium	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Chromium	989	1000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Copper	1260	1250	101	90 - 110	P	10/03/2025	13:37	LB137426
	Lead	4940	5000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Nickel	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Selenium	5050	5000	101	90 - 110	P	10/03/2025	13:37	LB137426
	Zinc	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
CCV02	Arsenic	4990	5000	100	90 - 110	P	10/03/2025	15:00	LB137426
	Cadmium	2460	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Chromium	984	1000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Copper	1240	1250	99	90 - 110	P	10/03/2025	15:00	LB137426
	Lead	4890	5000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Selenium	5040	5000	101	90 - 110	P	10/03/2025	15:00	LB137426
	Zinc	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
CCV03	Arsenic	5080	5000	102	90 - 110	P	10/03/2025	15:51	LB137426
	Cadmium	2440	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Chromium	972	1000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Copper	1250	1250	100	90 - 110	P	10/03/2025	15:51	LB137426
	Lead	4860	5000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Selenium	5170	5000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Zinc	2490	2500	100	90 - 110	P	10/03/2025	15:51	LB137426
CCV04	Arsenic	4930	5000	99	90 - 110	P	10/03/2025	16:45	LB137426
	Cadmium	2360	2500	94	90 - 110	P	10/03/2025	16:45	LB137426
	Chromium	938	1000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Copper	1210	1250	97	90 - 110	P	10/03/2025	16:45	LB137426
	Lead	4700	5000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Nickel	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Selenium	5060	5000	101	90 - 110	P	10/03/2025	16:45	LB137426
	Zinc	2420	2500	97	90 - 110	P	10/03/2025	16:45	LB137426



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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	0.18	0.2	90	70 - 130	CV	10/03/2025	11:21	LB137412
CRI01	Arsenic	21.4	20.0	107	65 - 135	P	10/03/2025	13:16	LB137426
	Cadmium	6.04	6.0	101	65 - 135	P	10/03/2025	13:16	LB137426
	Chromium	9.90	10.0	99	65 - 135	P	10/03/2025	13:16	LB137426
	Copper	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Lead	10.2	12.0	85	65 - 135	P	10/03/2025	13:16	LB137426
	Nickel	40.9	40.0	102	65 - 135	P	10/03/2025	13:16	LB137426
	Selenium	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Zinc	42.0	40.0	105	65 - 135	P	10/03/2025	13:16	LB137426



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB58	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	11:14	LB137412

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB80	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	11:18	LB137412
CCB81	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	11:53	LB137412
CCB82	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	12:40	LB137412

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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	10/03/2025	13:12	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:12	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:12	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:12	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:12	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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	10/03/2025	13:41	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:41	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:41	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:41	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	15:04	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	15:04	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	15:04	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:00	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:00	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:00	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:49	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:49	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:49	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:49	LB137426

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169961BL		WATER		Batch Number:	PB169961		Prep Date:	10/02/2025	
	Mercury	0.076	<0.2	U	0.20	CV	10/03/2025	11:34	LB137412

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169958BL	WATER			Batch Number:	PB169958		Prep Date:	10/02/2025	
	Arsenic	2.56	<5	U	10.0	P	10/03/2025	14:16	LB137426
	Cadmium	0.25	<1.5	U	3.00	P	10/03/2025	14:16	LB137426
	Chromium	1.06	<2.5	U	5.00	P	10/03/2025	14:16	LB137426
	Copper	2.30	<5	U	10.0	P	10/03/2025	14:16	LB137426
	Lead	1.15	<3	U	6.00	P	10/03/2025	14:16	LB137426
	Nickel	1.53	<10	U	20.0	P	10/03/2025	14:16	LB137426
	Selenium	4.82	<5	U	10.0	P	10/03/2025	14:16	LB137426
	Zinc	8.33	<10	U	20.0	P	10/03/2025	14:16	LB137426

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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	8.41			-20	20	10/03/2025	13:20	LB137426
	Cadmium	0.91	1.0	91	-5	7	10/03/2025	13:20	LB137426
	Chromium	46.6	52.0	90	42	62	10/03/2025	13:20	LB137426
	Copper	3.06	2.0	153	-18	22	10/03/2025	13:20	LB137426
	Lead	0.97			-12	12	10/03/2025	13:20	LB137426
	Nickel	3.93	2.0	196	-38	42	10/03/2025	13:20	LB137426
	Selenium	9.27			-20	20	10/03/2025	13:20	LB137426
	Zinc	1.66			-40	40	10/03/2025	13:20	LB137426
ICSAB01	Arsenic	110	104	106	88.4	120	10/03/2025	13:25	LB137426
	Cadmium	980	972	101	826	1120	10/03/2025	13:25	LB137426
	Chromium	553	542	102	460	624	10/03/2025	13:25	LB137426
	Copper	484	511	95	434	588	10/03/2025	13:25	LB137426
	Lead	49.1	49.0	100	37	61	10/03/2025	13:25	LB137426
	Nickel	981	954	103	810	1100	10/03/2025	13:25	LB137426
	Selenium	56.4	46.0	123	26	66	10/03/2025	13:25	LB137426
	Zinc	1030	952	108	809	1095	10/03/2025	13:25	LB137426



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>Dal-Tile - Dickson Plant</u>	level:	<u>low</u>	sdg no.:	<u>Q3258</u>
contract:	<u>DALT01</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3252-05</u>	client id:	<u>AUD-25-0161MS</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3252-05MS	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.66		0.20	U	4.0	92		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Dal-Tile - Dickson Plant **level:** low **sdg no.:** Q3258
contract: DALT01 **lab code:** ACE
matrix: Water **sample id:** Q3252-05 **client id:** AUD-25-0161MSD
Percent Solids for Sample: NA **Spiked ID:** Q3252-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.85		0.20	U	4.0	96		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Dal-Tile - Dickson Plant</u>	level: <u>low</u>	sdg no.: <u>Q3258</u>
contract: <u>DALT01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3263-02</u>	client id: <u>266380MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3263-02MS</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	382		10.0	U	400	96		P
Cadmium	ug/L	75 - 125	88.3		3.00	U	100	88		P
Chromium	ug/L	75 - 125	188		5.00	U	200	94		P
Copper	ug/L	75 - 125	141		10.0	U	150	94		P
Lead	ug/L	75 - 125	430		6.00	U	500	86		P
Nickel	ug/L	75 - 125	233		6.71	J	250	90		P
Selenium	ug/L	75 - 125	961		10.0	U	1000	96		P
Zinc	ug/L	75 - 125	173		75.6		100	97		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Dal-Tile - Dickson Plant</u>	level: <u>low</u>	sdg no.: <u>Q3258</u>
contract: <u>DALT01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3263-02</u>	client id: <u>266380MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3263-02MSD</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	381		10.0	U	400	95		P
Cadmium	ug/L	75 - 125	88.0		3.00	U	100	88		P
Chromium	ug/L	75 - 125	185		5.00	U	200	92		P
Copper	ug/L	75 - 125	140		10.0	U	150	93		P
Lead	ug/L	75 - 125	430		6.00	U	500	86		P
Nickel	ug/L	75 - 125	232		6.71	J	250	90		P
Selenium	ug/L	75 - 125	956		10.0	U	1000	96		P
Zinc	ug/L	75 - 125	173		75.6		100	97		P

Metals
- 5b -

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Dal-Tile - Dickson Plant</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3258</u>
Contract:	<u>DALT01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3252-05</u>	Client ID:	<u>AUD-25-0161DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3252-05DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Dal-Tile - Dickson Plant</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3258</u>
Contract:	<u>DALT01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3252-05MS</u>	Client ID:	<u>AUD-25-0161MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3252-05MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.66		3.85		5		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Dal-Tile - Dickson Plant</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3258</u>
Contract:	<u>DALT01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3263-02</u>	Client ID:	<u>266380DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3263-02DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	10.0	U	10.0	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	5.00	U	5.00	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Lead	ug/L	20	6.00	U	6.00	U			P
Nickel	ug/L	20	6.71	J	7.09	J	6		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Zinc	ug/L	20	75.6		80.4		6		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Dal-Tile - Dickson Plant</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3258</u>
Contract:	<u>DALT01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3263-02MS</u>	Client ID:	<u>266380MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3263-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	382		381		0		P
Cadmium	ug/L	20	88.3		88.0		0		P
Chromium	ug/L	20	188		185		2		P
Copper	ug/L	20	141		140		1		P
Lead	ug/L	20	430		430		0		P
Nickel	ug/L	20	233		232		0		P
Selenium	ug/L	20	961		956		1		P
Zinc	ug/L	20	173		173		0		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169958BS							
Arsenic	ug/L	400	384		96	80 - 120	P
Cadmium	ug/L	100	94.8		95	80 - 120	P
Chromium	ug/L	200	208		104	80 - 120	P
Copper	ug/L	150	150		100	80 - 120	P
Lead	ug/L	500	466		93	80 - 120	P
Nickel	ug/L	250	247		99	80 - 120	P
Selenium	ug/L	1000	971		97	80 - 120	P
Zinc	ug/L	100	99.5		100	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169961BS Mercury	ug/L	4.0	4.10		102	80 - 120	CV

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

AUD-25-0161L

Lab Name: Alliance

Contract: DALT01

Lab Code: ACE

Lb No.: lb137412

Lab Sample ID : Q3252-05L

SDG No.: Q3258

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.20 U	1.00 U			CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

266380L

Lab Name: Alliance **Contract:** DALT01
Lab Code: ACE **Lb No.:** lb137426 **Lab Sample ID :** Q3263-02L **SDG No.:** Q3258
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
	C		C				
Arsenic	10.0	U	50.0	U			P
Cadmium	3.00	U	15.0	U			P
Chromium	5.00	U	25.0	U			P
Copper	10.0	U	50.0	U			P
Lead	6.00	U	30.0	U			P
Nickel	6.71	J	8.80	J	31		P
Selenium	10.0	U	50.0	U			P
Zinc	75.6		86.3	J	14		P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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
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
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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
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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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
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
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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
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
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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
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
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: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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: PB169958							
PB169958BL	PB169958BL	MB	WATER	10/02/2025	50.0	25.0	
PB169958BS	PB169958BS	LCS	WATER	10/02/2025	50.0	25.0	
Q3258-06	COMPOSITE	SAM	WATER	10/02/2025	50.0	25.0	
Q3263-02DUP	266380DUP	DUP	WATER	10/02/2025	50.0	25.0	
Q3263-02MS	266380MS	MS	WATER	10/02/2025	50.0	25.0	
Q3263-02MSD	266380MSD	MSD	WATER	10/02/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Dal-Tile - Dickson Plant

SDG No.: Q3258

Contract: DALT01

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: PB169961							
PB169961BL	PB169961BL	MB	WATER	10/02/2025	30.0	30.0	
PB169961BS	PB169961BS	LCS	WATER	10/02/2025	30.0	30.0	
Q3252-05DUP	AUD-25-0161DUP	DUP	WATER	10/02/2025	30.0	30.0	
Q3252-05MS	AUD-25-0161MS	MS	WATER	10/02/2025	30.0	30.0	
Q3252-05MSD	AUD-25-0161MSD	MSD	WATER	10/02/2025	30.0	30.0	
Q3258-06	COMPOSITE	SAM	WATER	10/02/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Dal-Tile - Dickson Plant

Contract: DALT01

Lab code: ACE

Sdg no.: Q3258

Instrument id number: _____

Method: _____

Run number: LB137412

Start date: 10/03/2025

End date: 10/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1056	HG
S0.2	S0.2	1	1059	HG
S2.5	S2.5	1	1101	HG
S5	S5	1	1103	HG
S7.5	S7.5	1	1106	HG
S10	S10	1	1108	HG
ICV58	ICV58	1	1112	HG
ICB58	ICB58	1	1114	HG
CCV80	CCV80	1	1116	HG
CCB80	CCB80	1	1118	HG
CRA	CRA	1	1121	HG
PB169961BL	PB169961BL	1	1134	HG
PB169961BS	PB169961BS	1	1136	HG
Q3252-05DUP	AUD-25-0161DUP	1	1146	HG
Q3252-05MS	AUD-25-0161MS	1	1148	HG
CCV81	CCV81	1	1150	HG
CCB81	CCB81	1	1153	HG
Q3252-05MSD	AUD-25-0161MSD	1	1155	HG
Q3258-06	COMPOSITE	1	1157	HG
Q3252-05L	AUD-25-0161L	5	1216	HG
CCV82	CCV82	1	1235	HG
CCB82	CCB82	1	1240	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Dal-Tile - Dickson Plant

Contract: DALT01

Lab code: ACE

Sdg no.: Q3258

Instrument id number: _____

Method: _____

Run number: LB137426

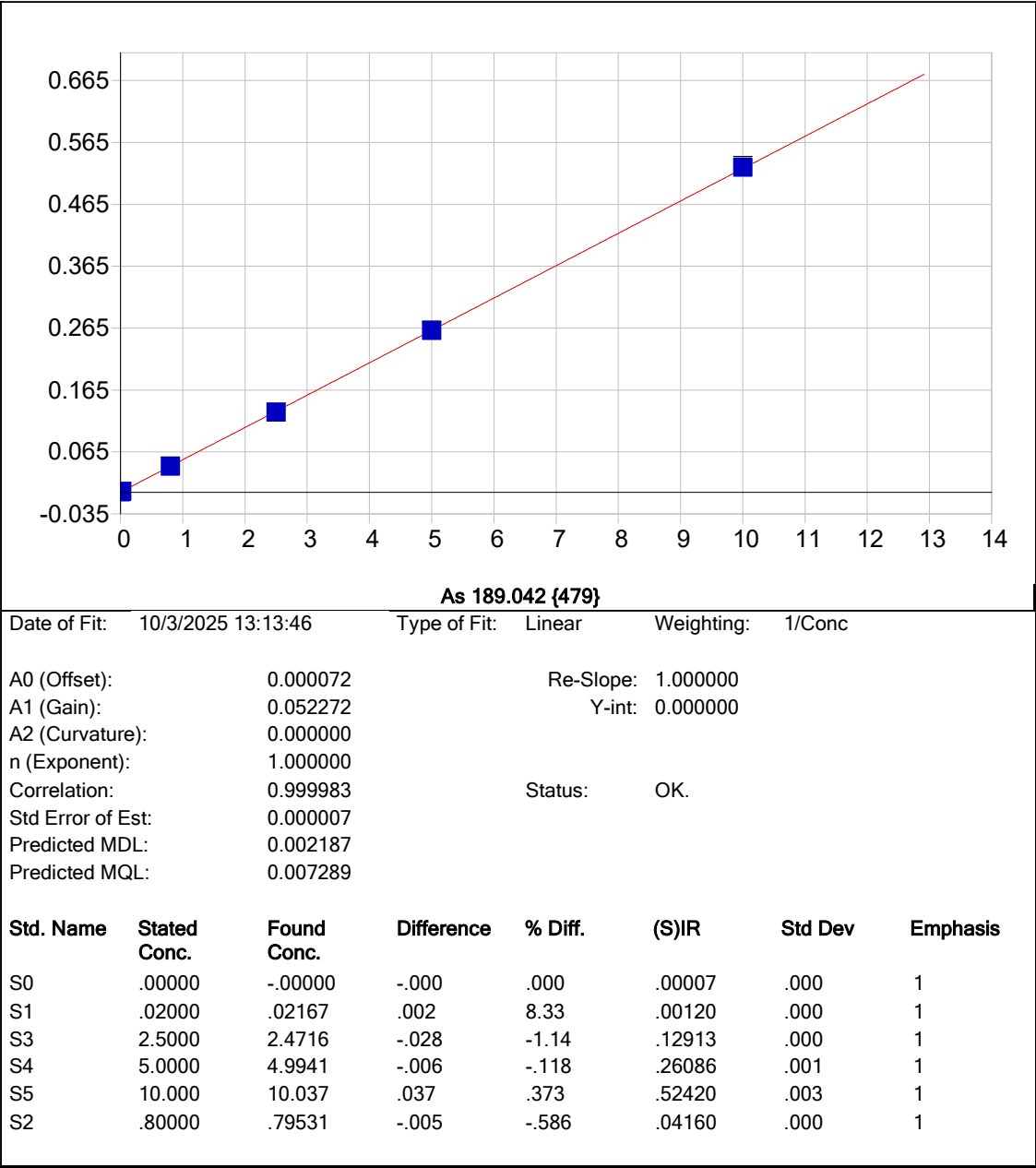
Start date: 10/03/2025

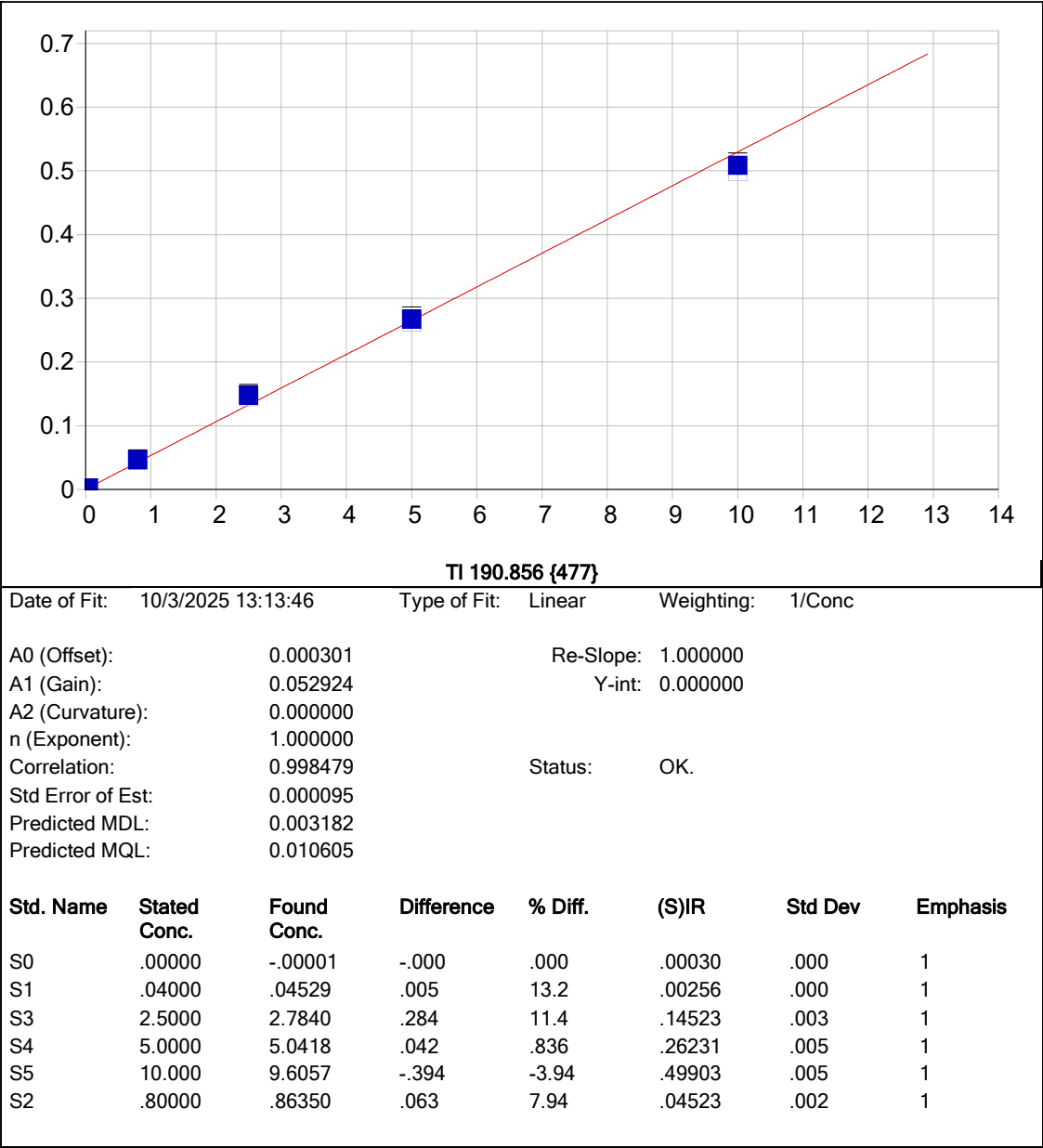
End date: 10/03/2025

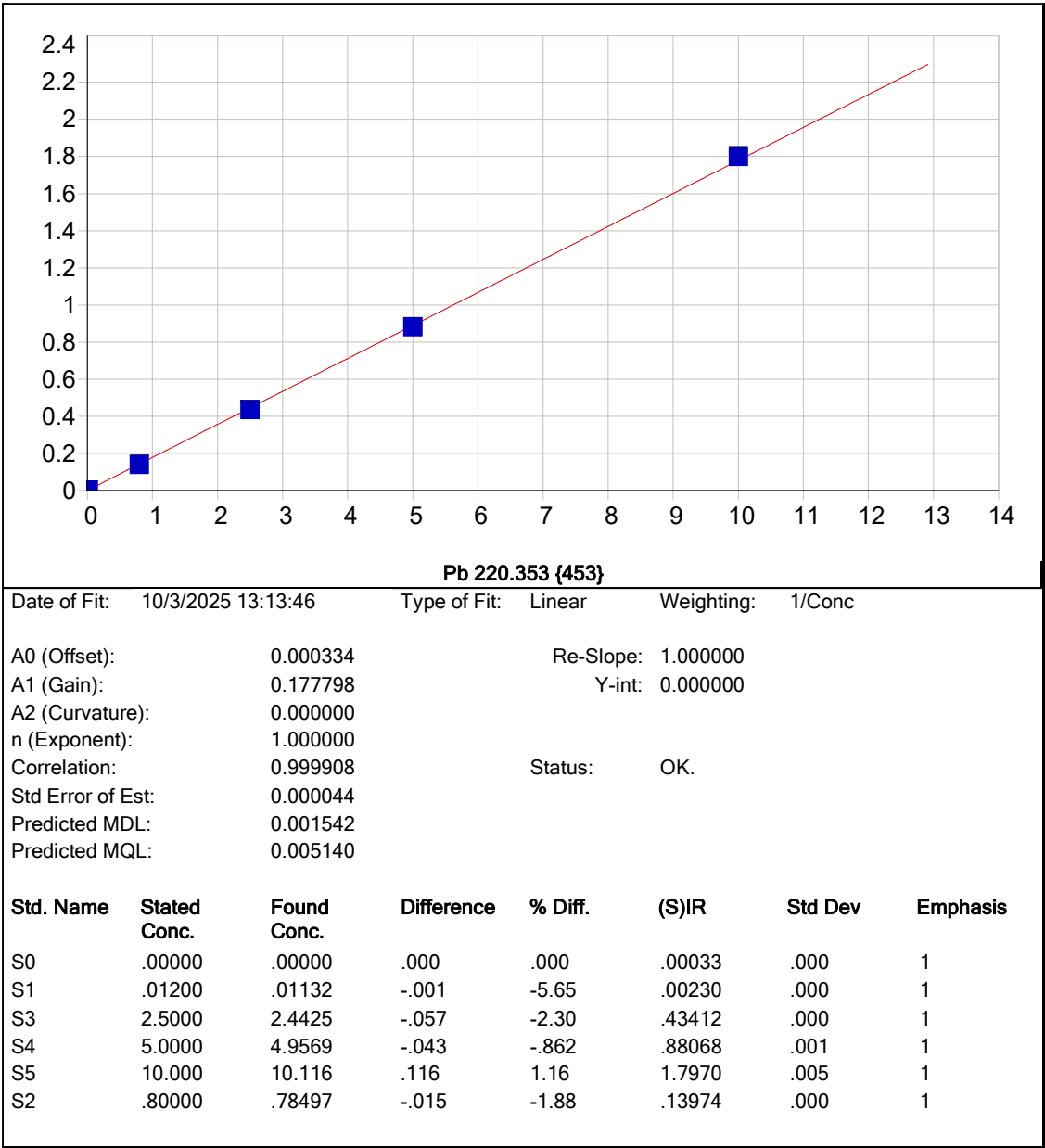
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1153	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1158	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1202	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1206	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1210	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1214	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1218	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1305	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1312	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1316	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1320	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1325	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1337	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1341	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB169958BL	PB169958BL	1	1416	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB169958BS	PB169958BS	1	1420	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1500	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1504	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3258-06	COMPOSITE	1	1529	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3263-02DUP	266380DUP	1	1542	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3263-02L	266380L	5	1546	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1551	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1600	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3263-02MS	266380MS	1	1604	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3263-02MSD	266380MSD	1	1608	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1645	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1649	As,Cd,Cr,Cu,Ni,Pb,Se,Zn

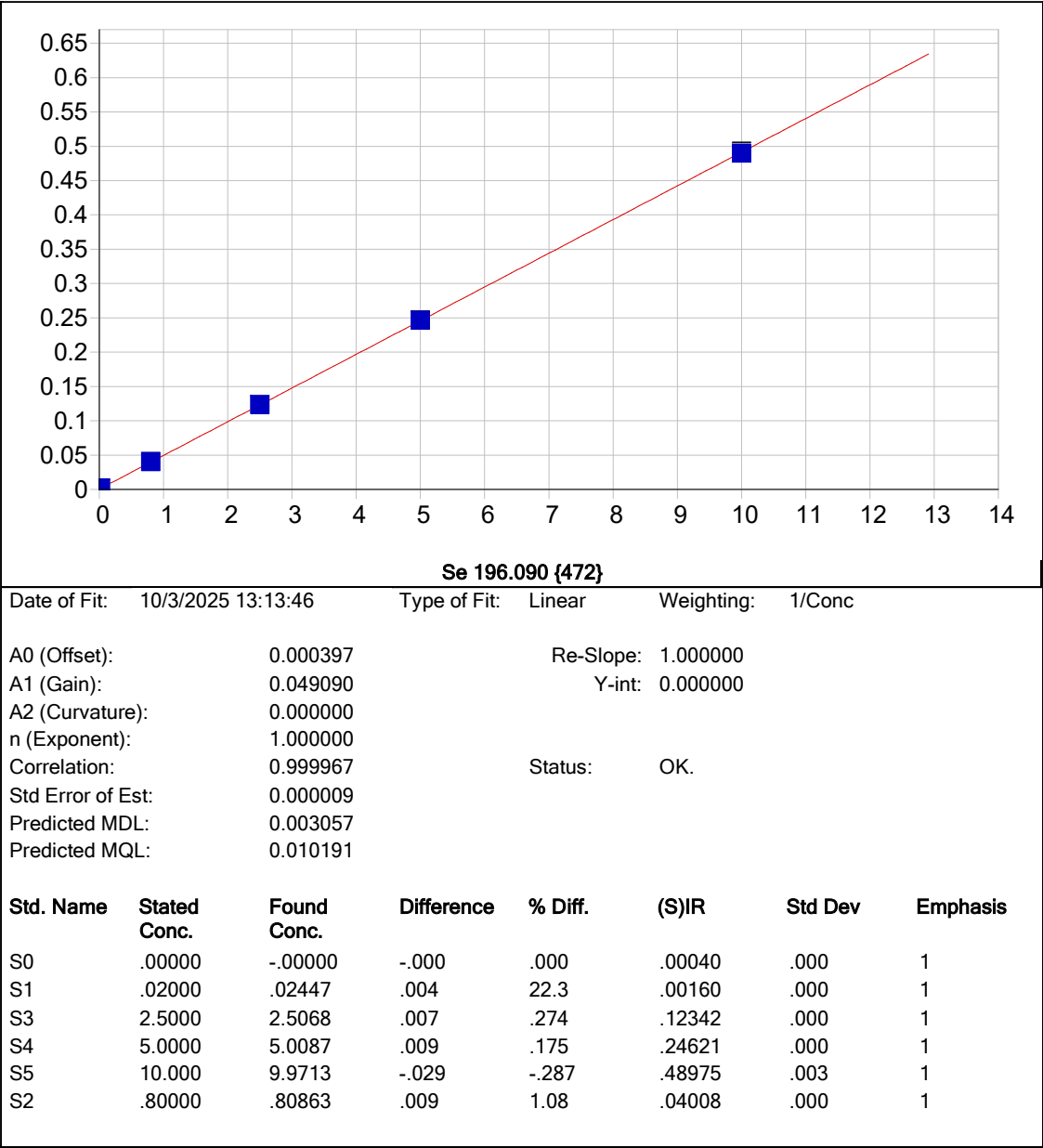


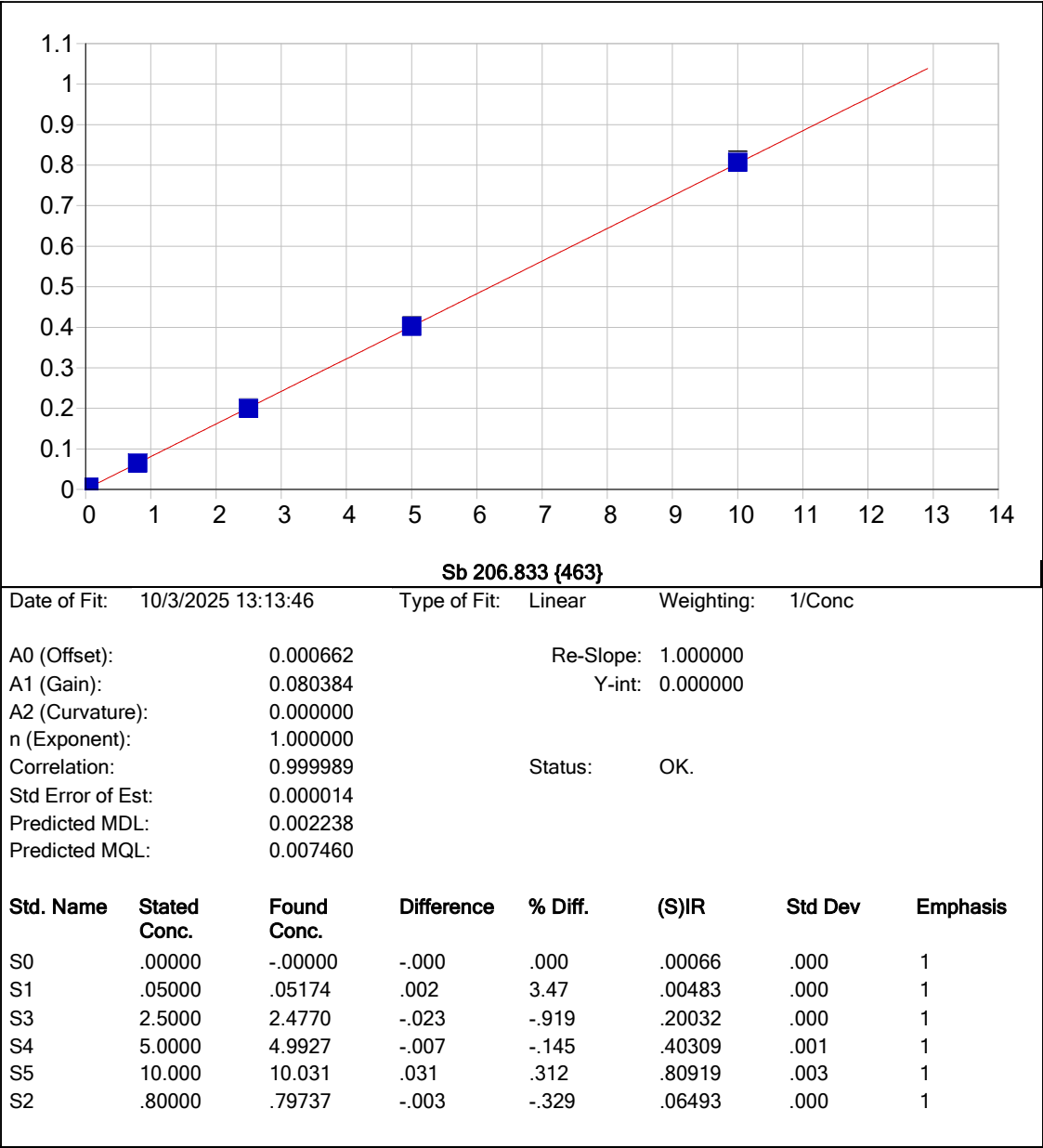
METAL RAW DATA

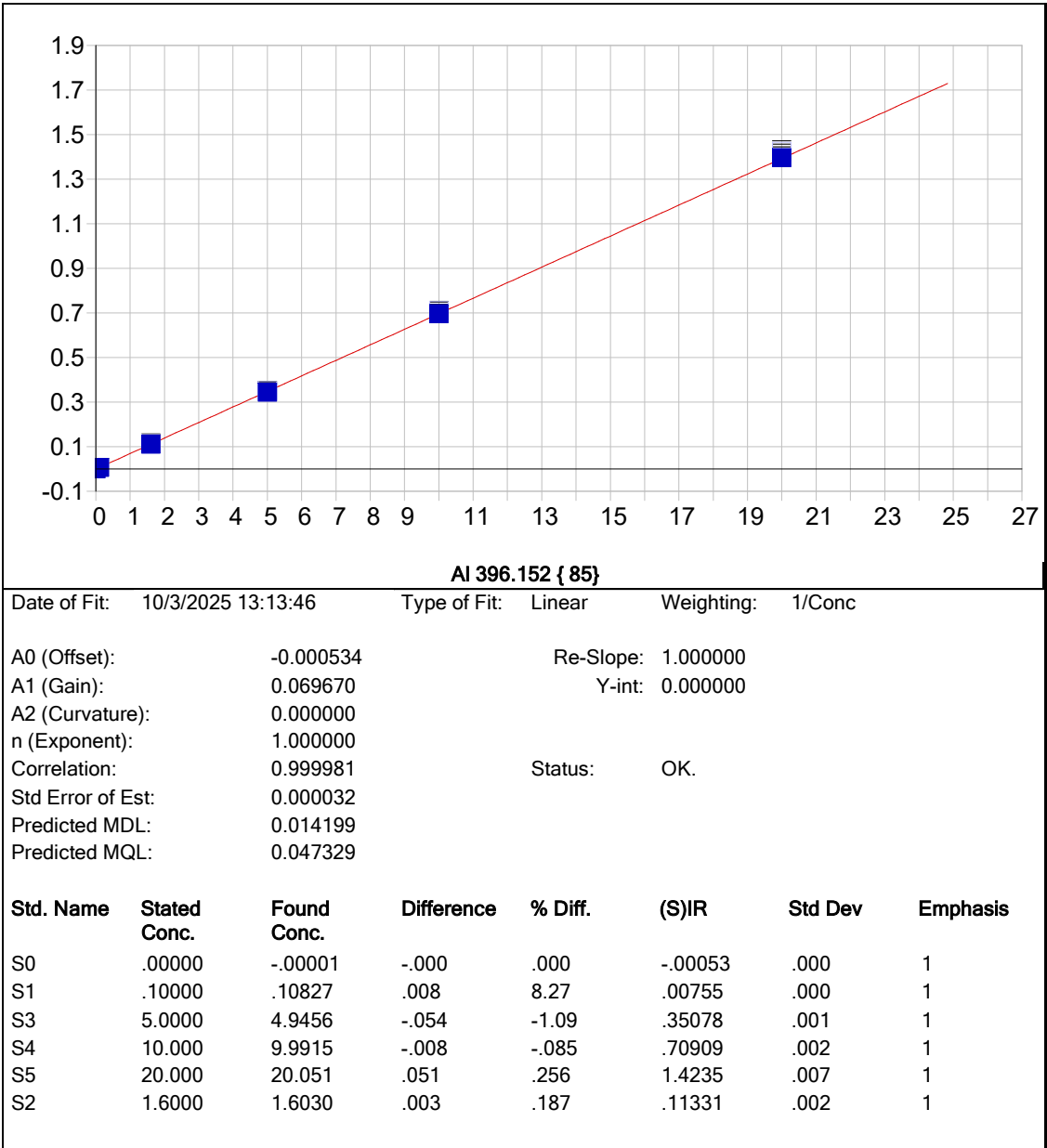


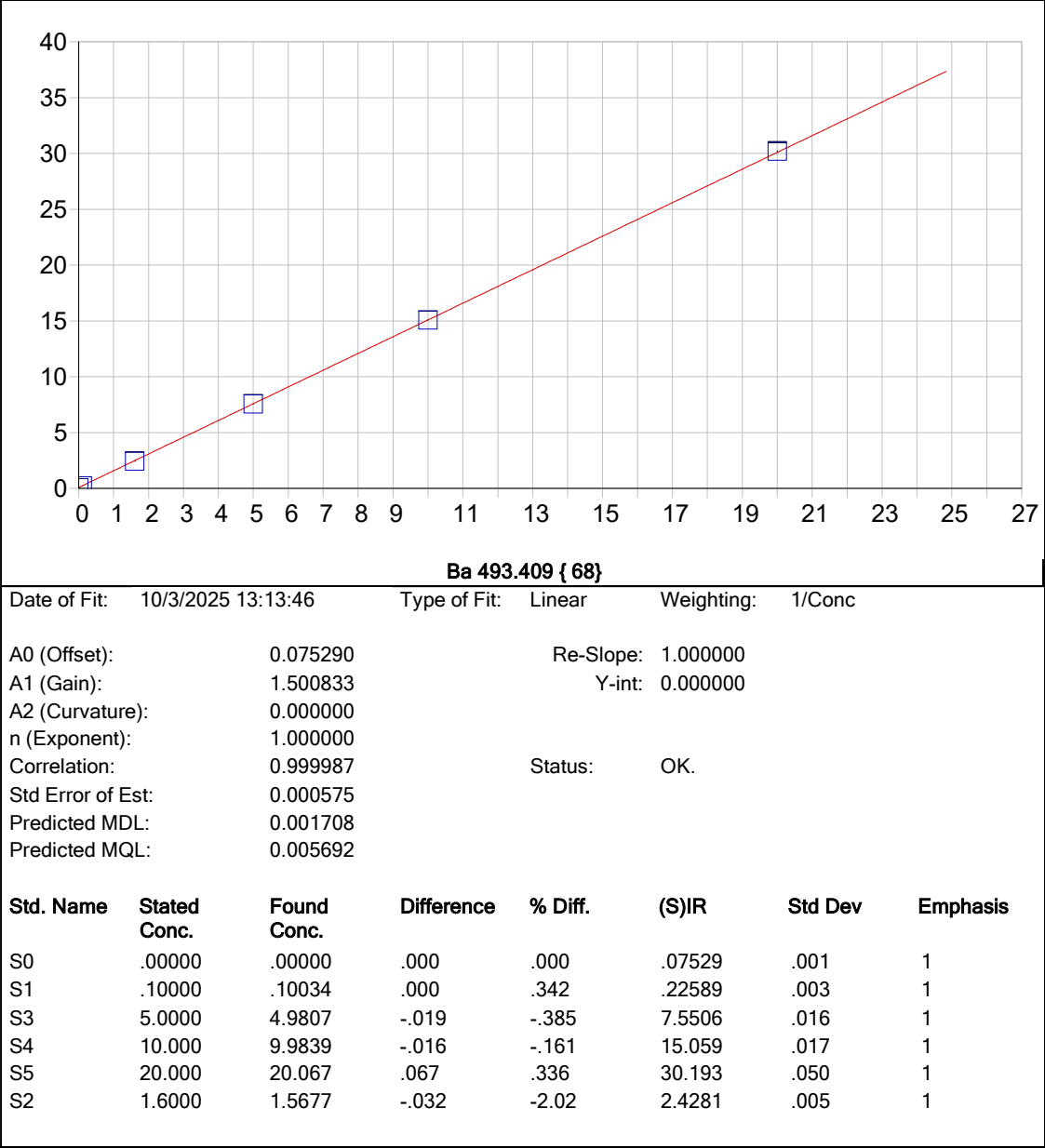


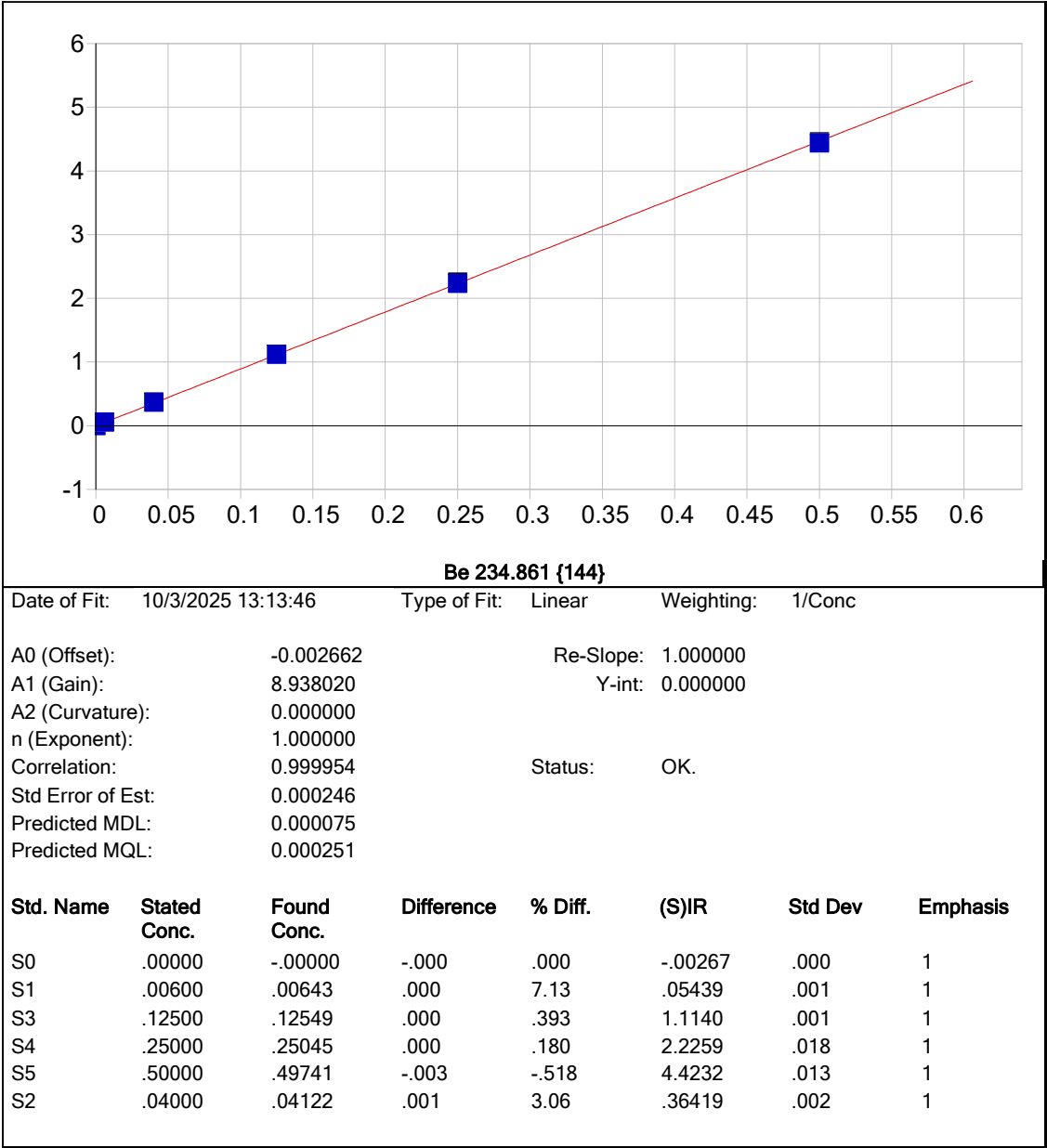


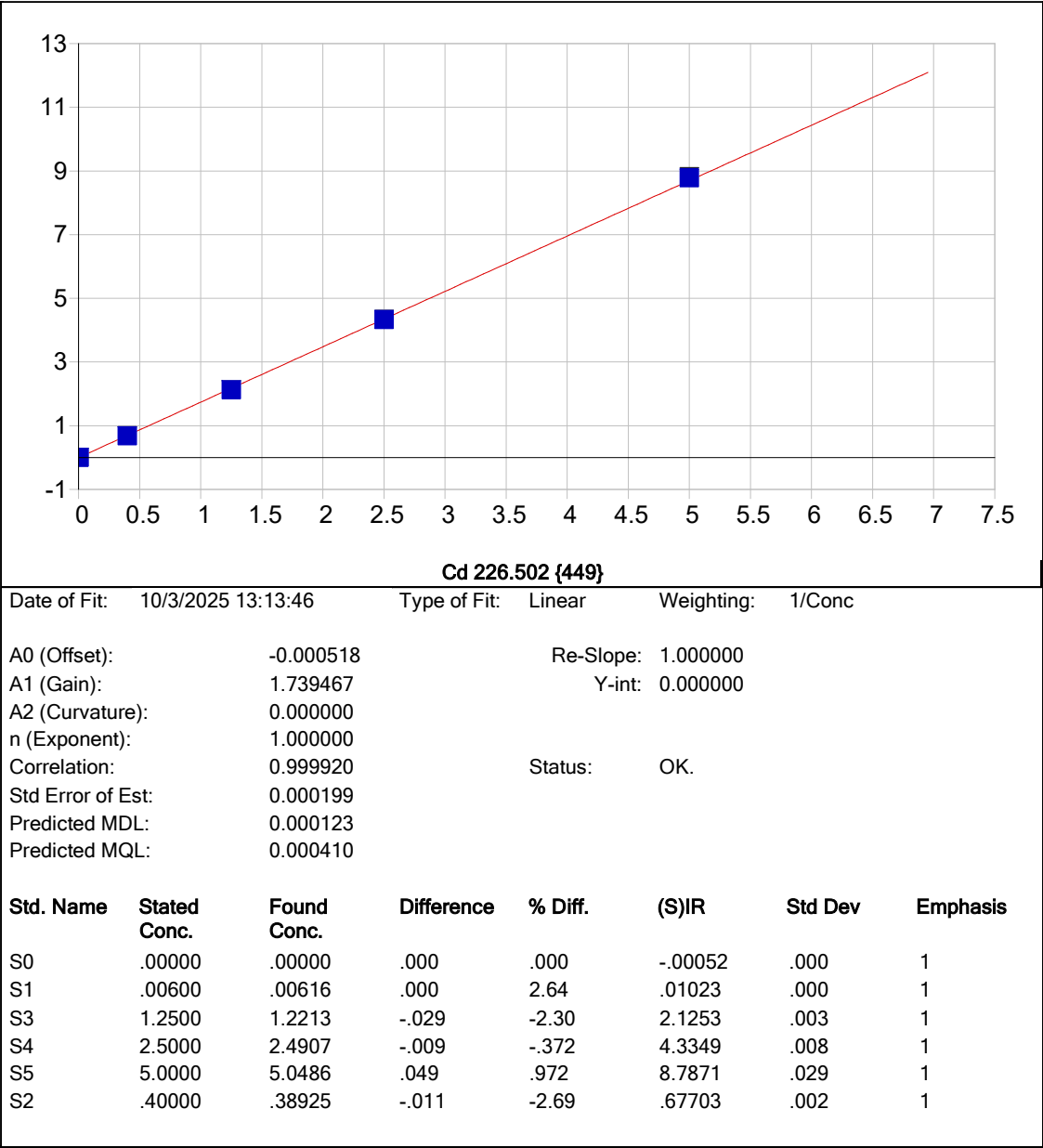


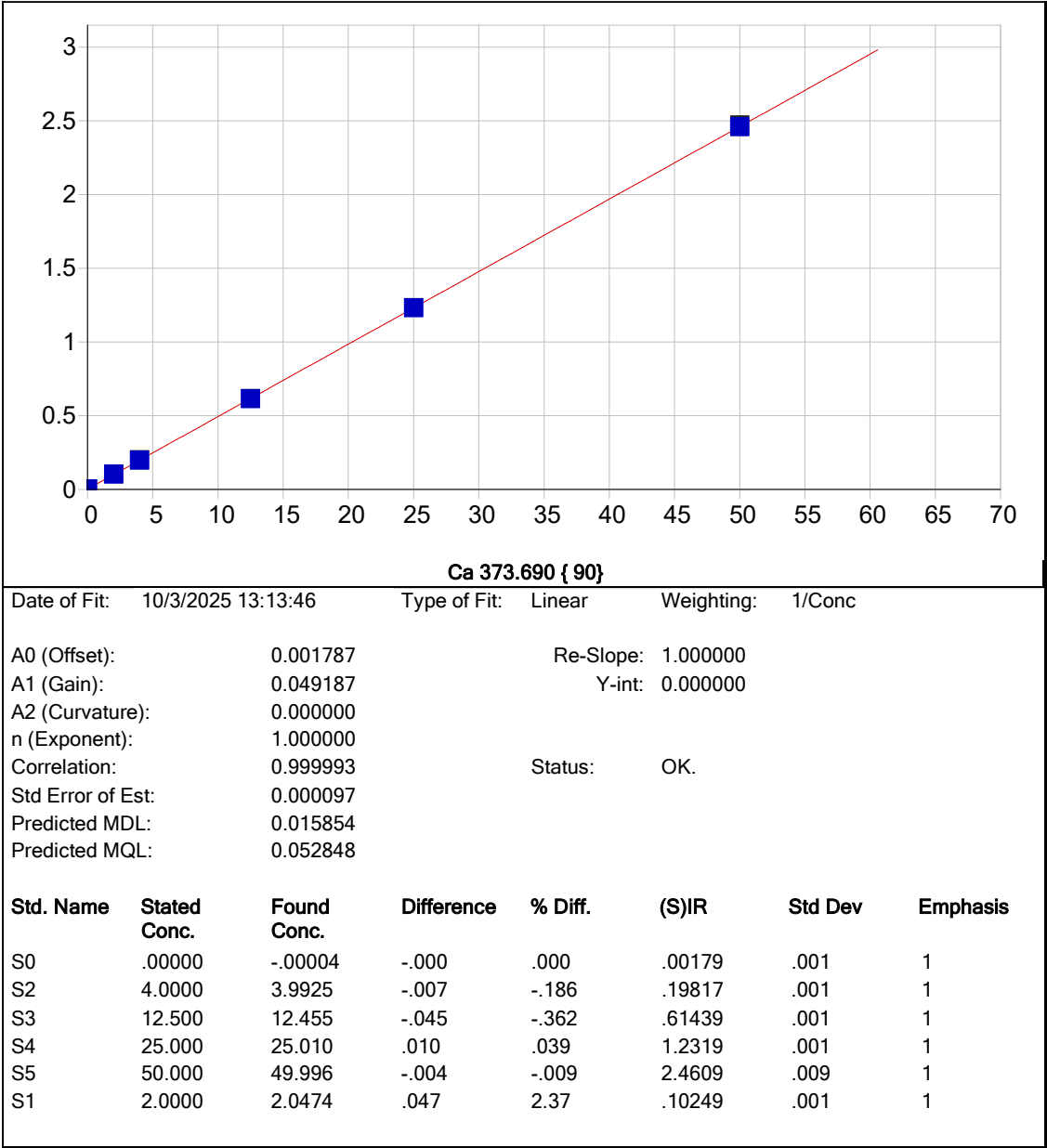


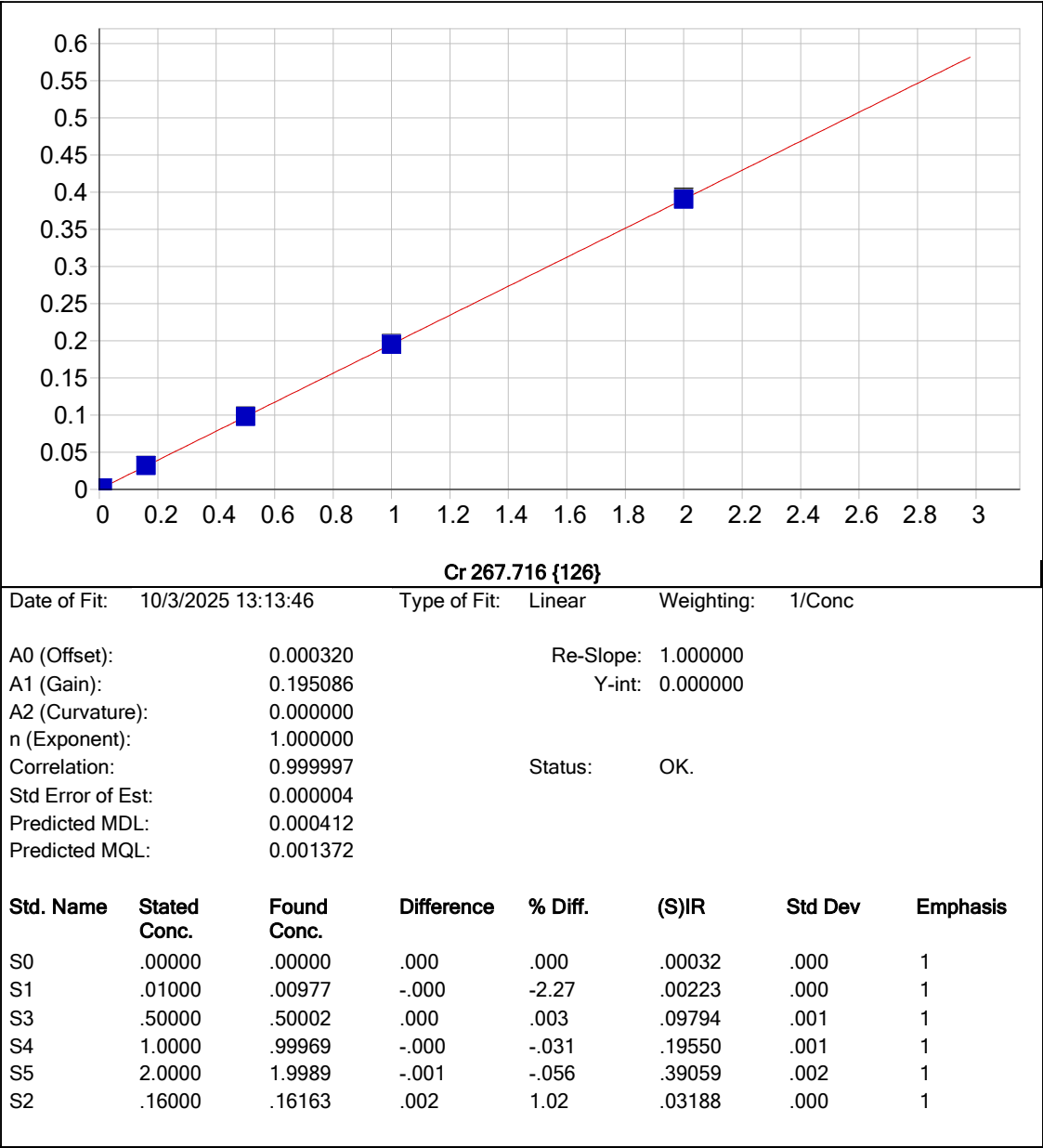


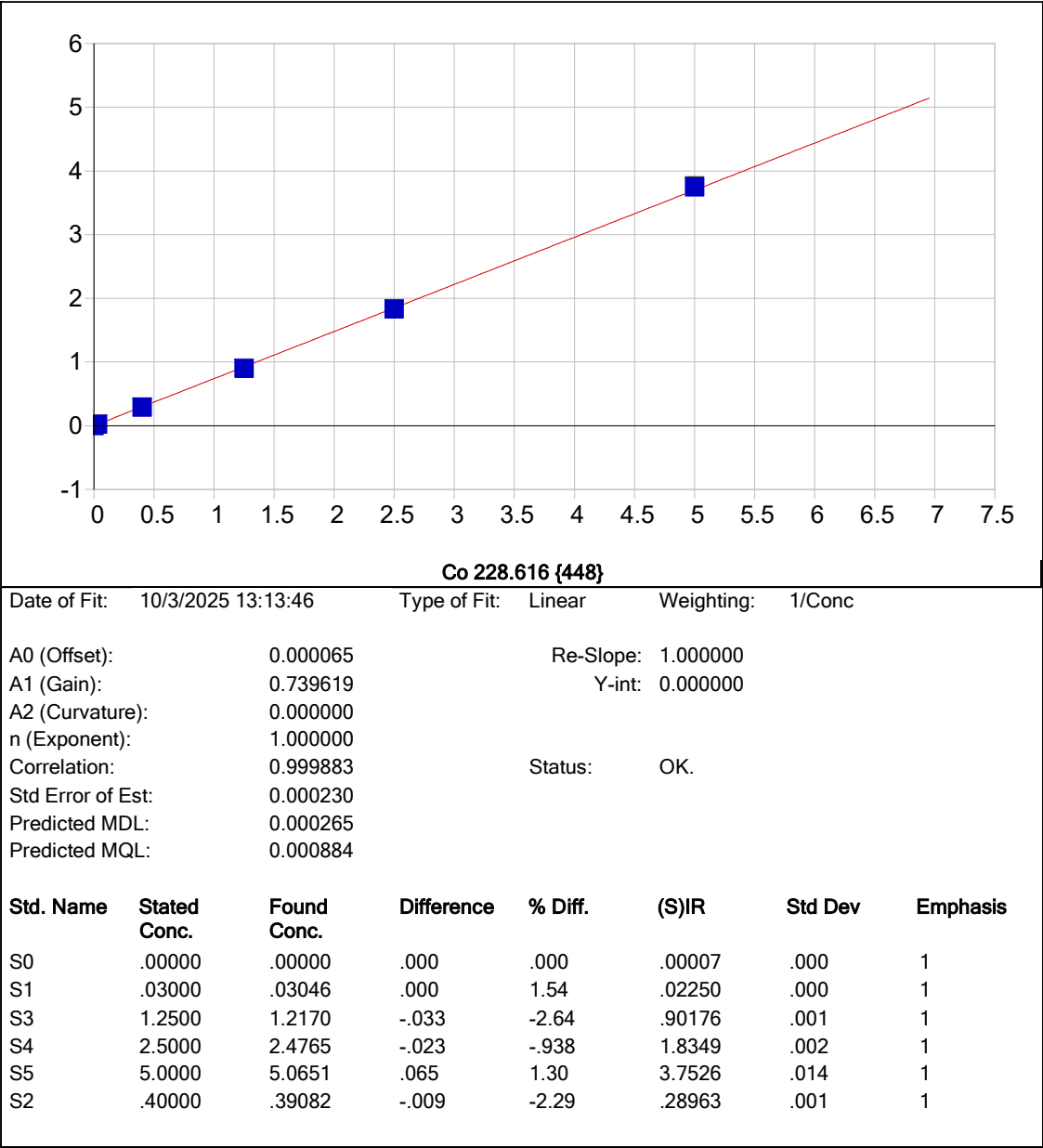


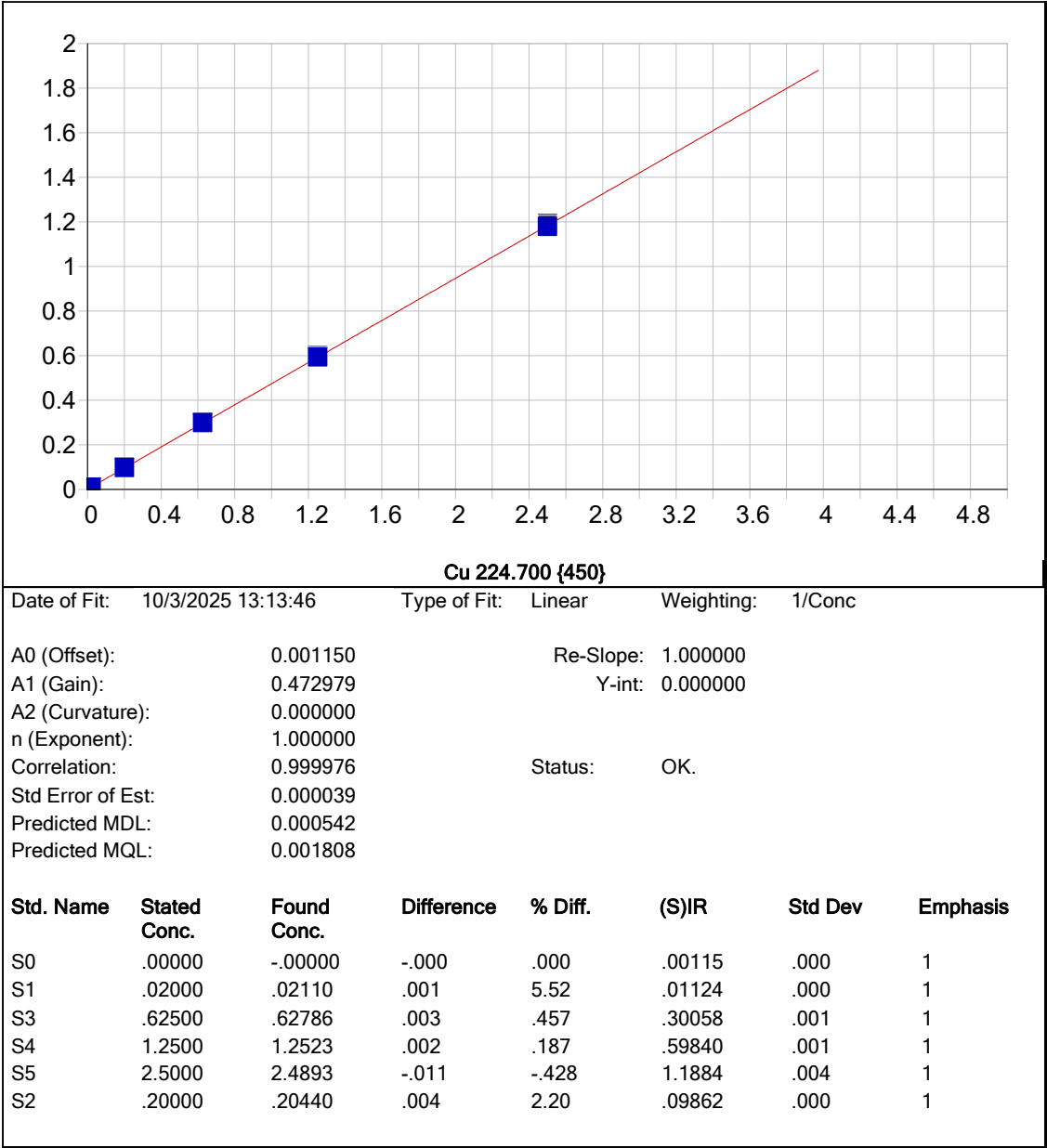


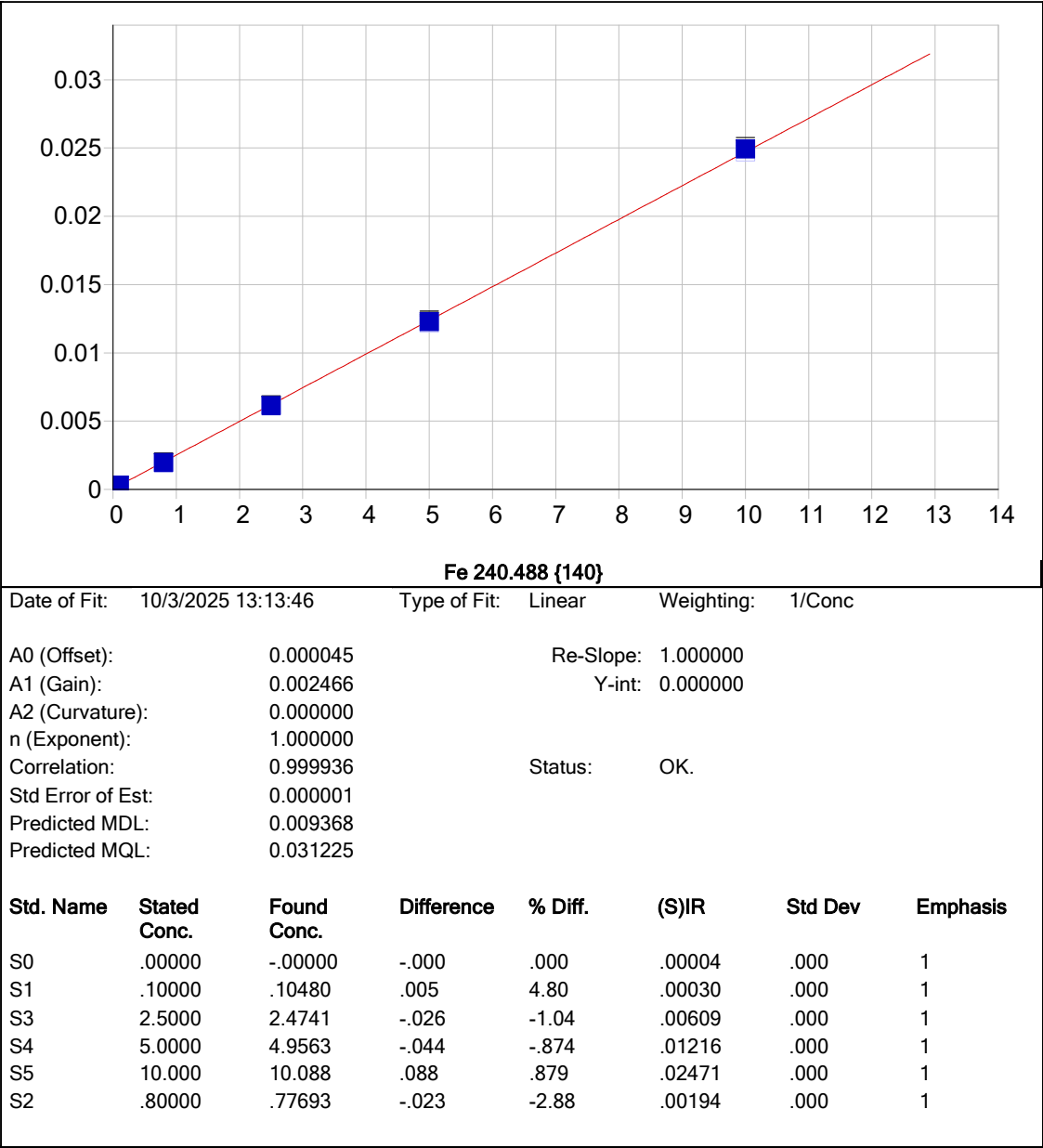


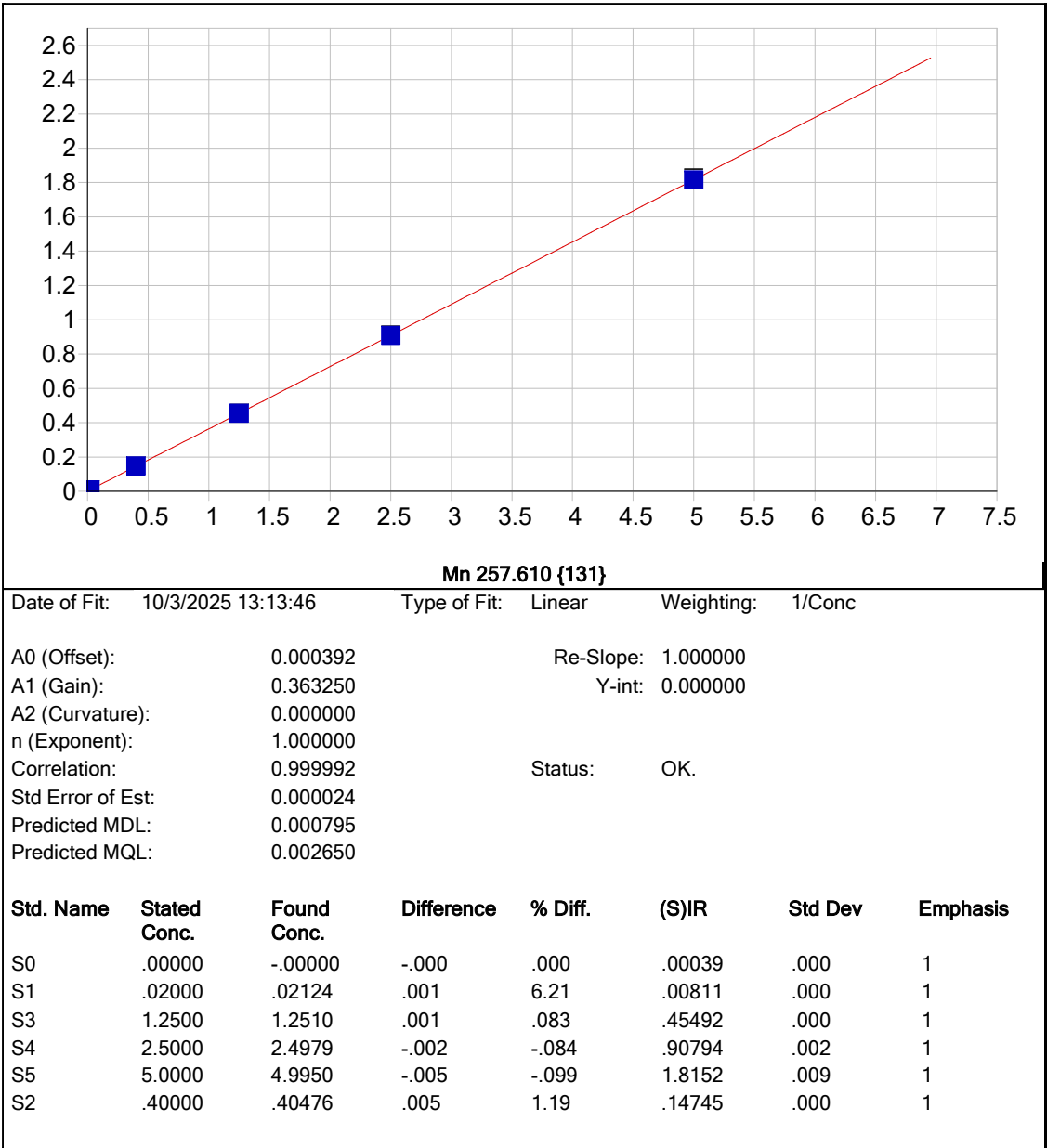


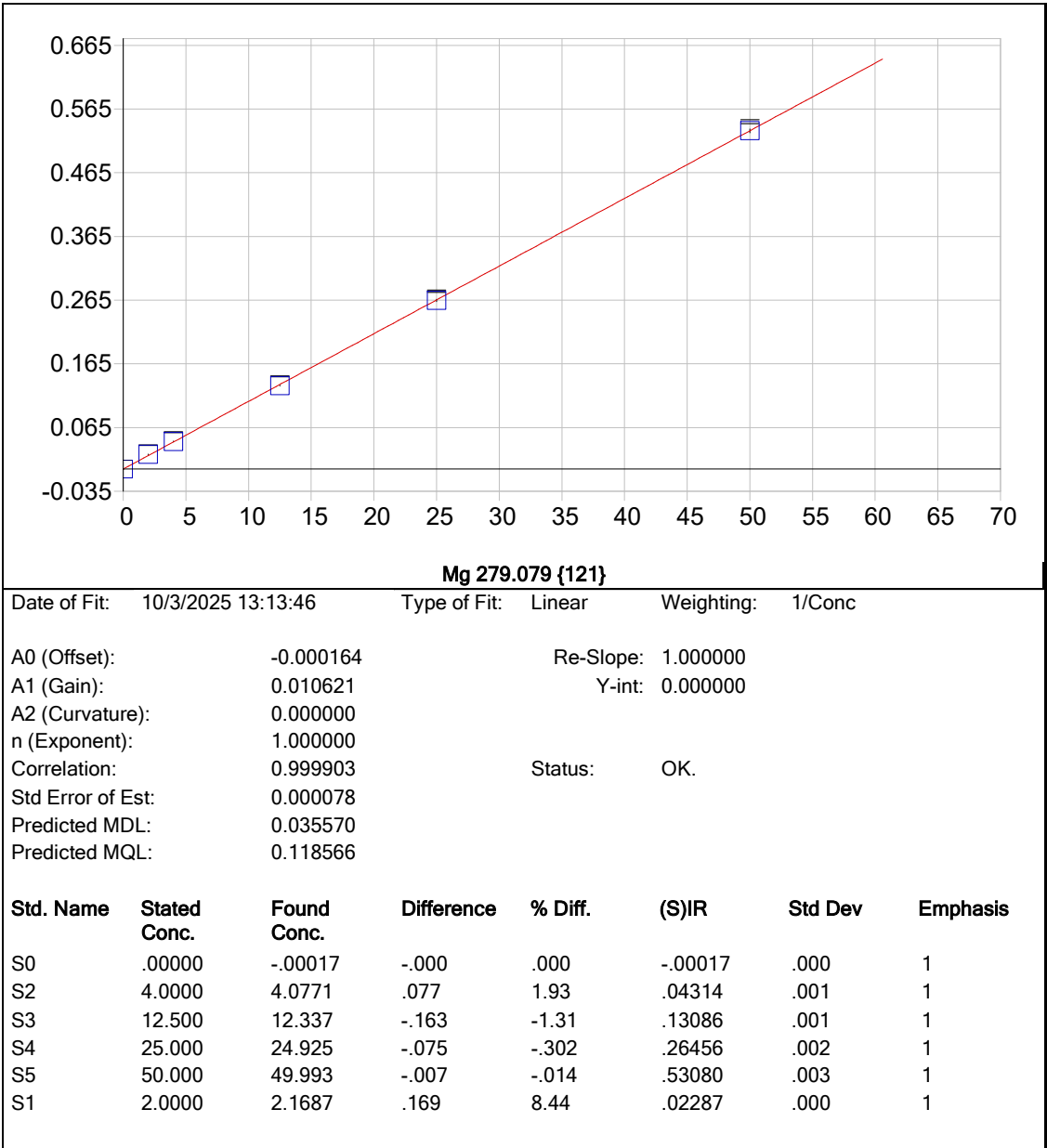


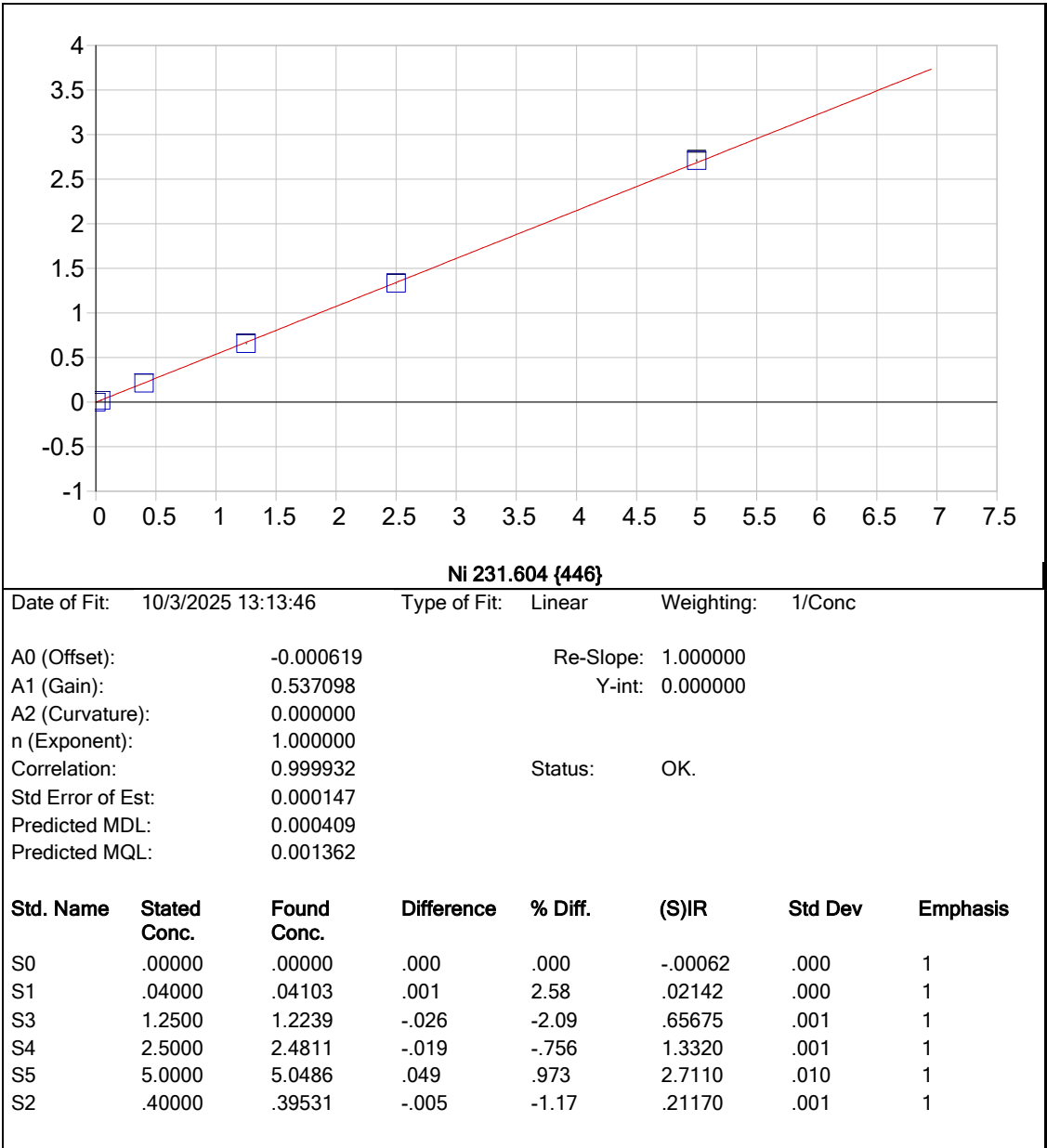


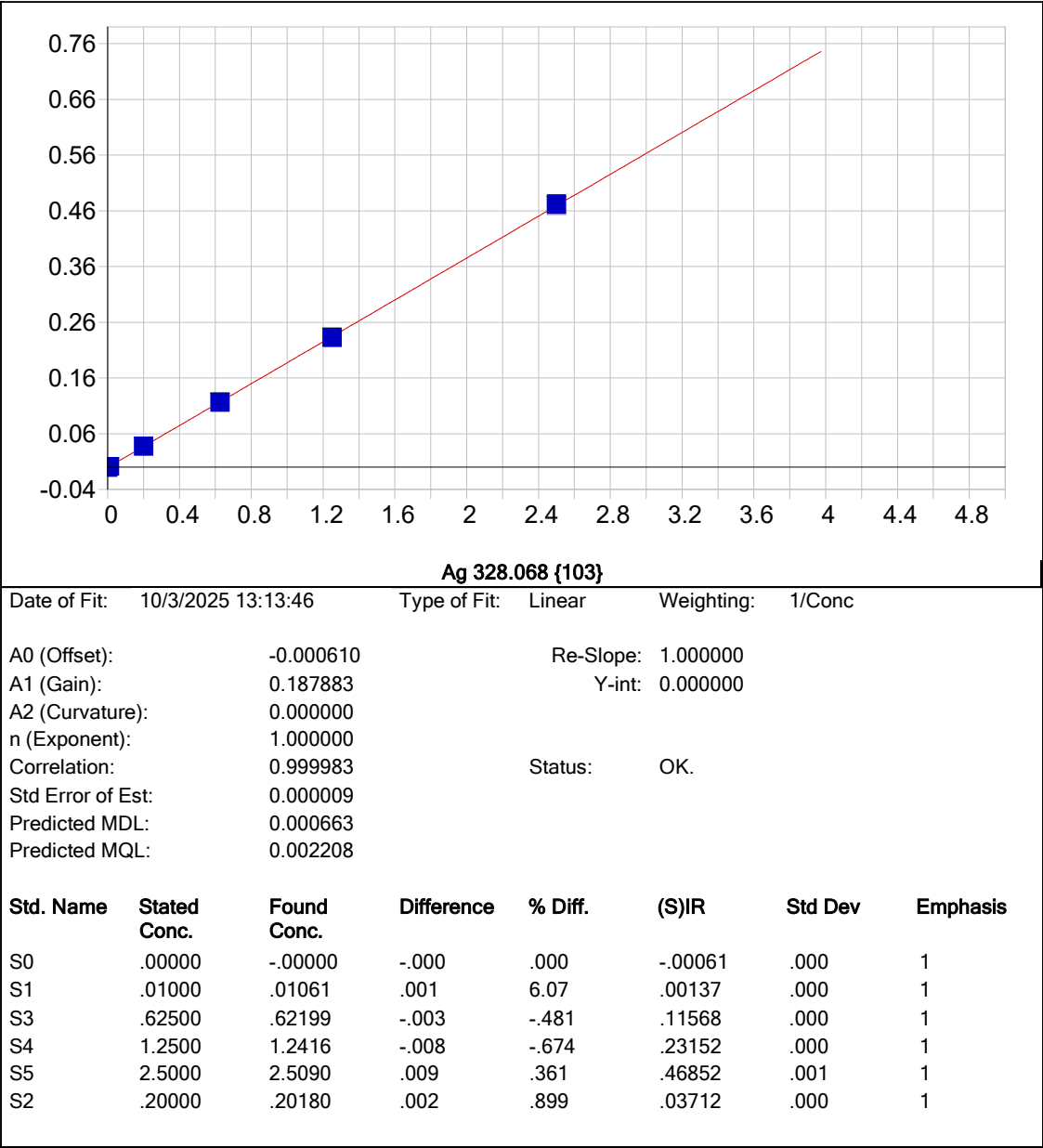


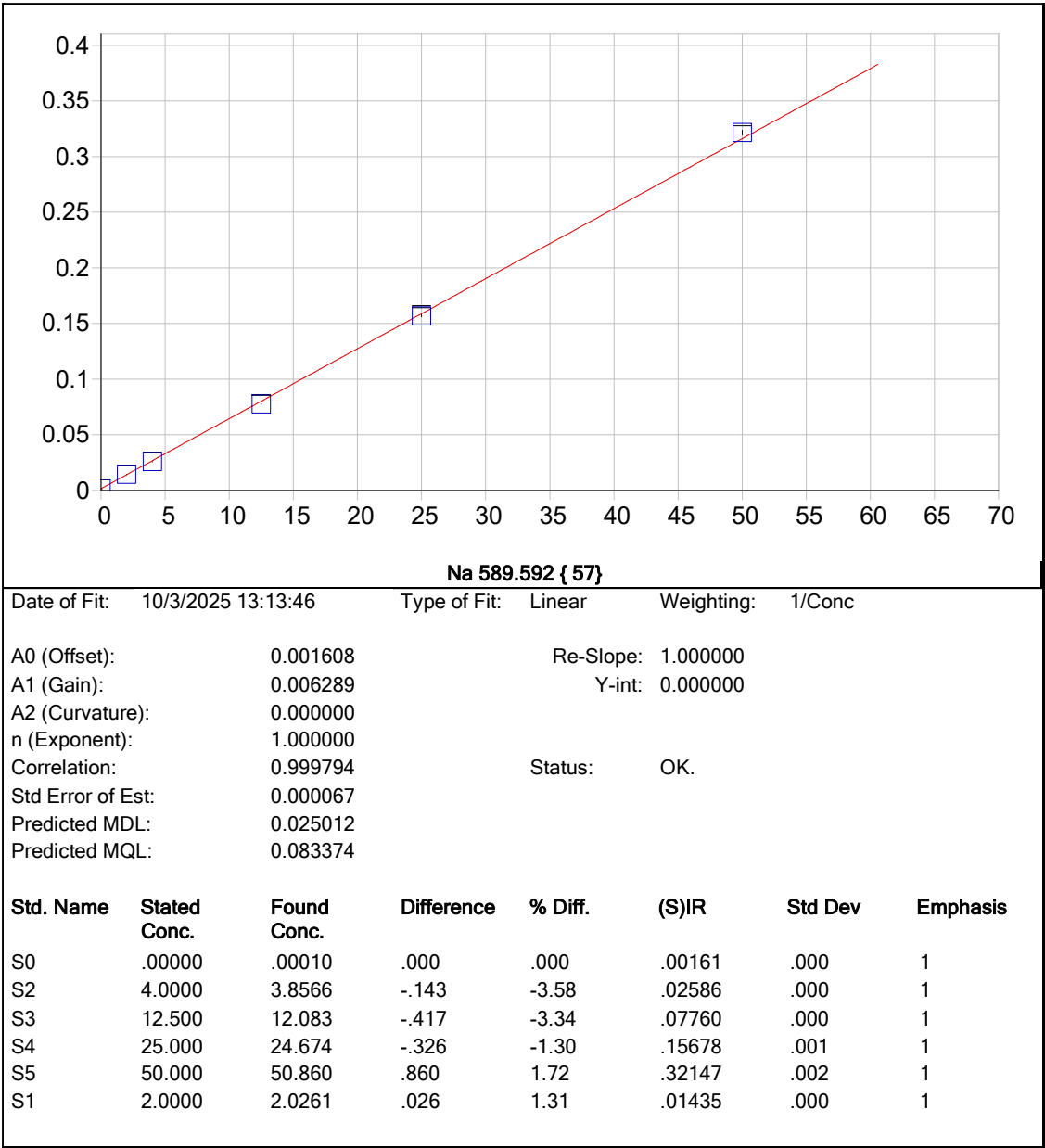


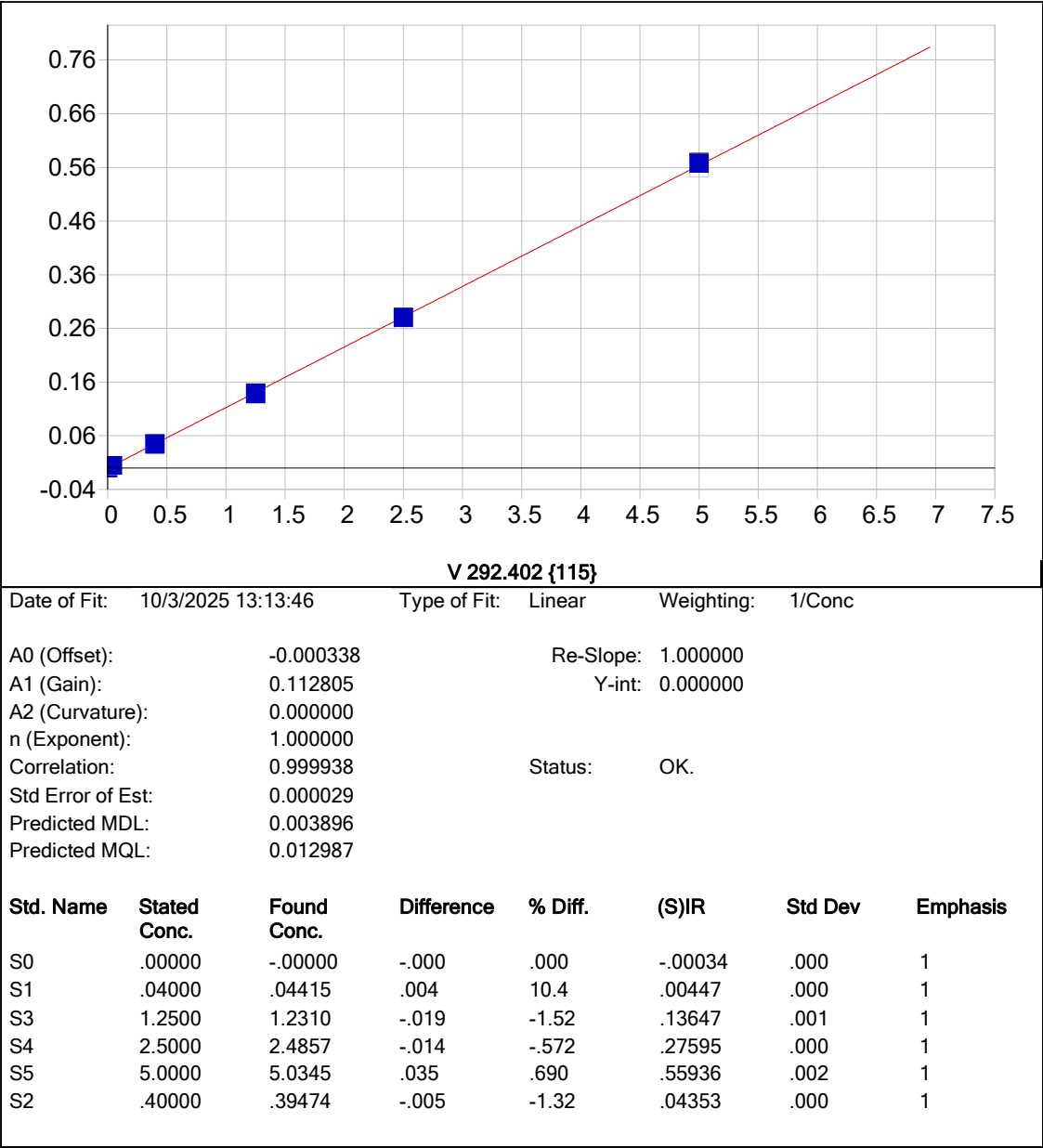


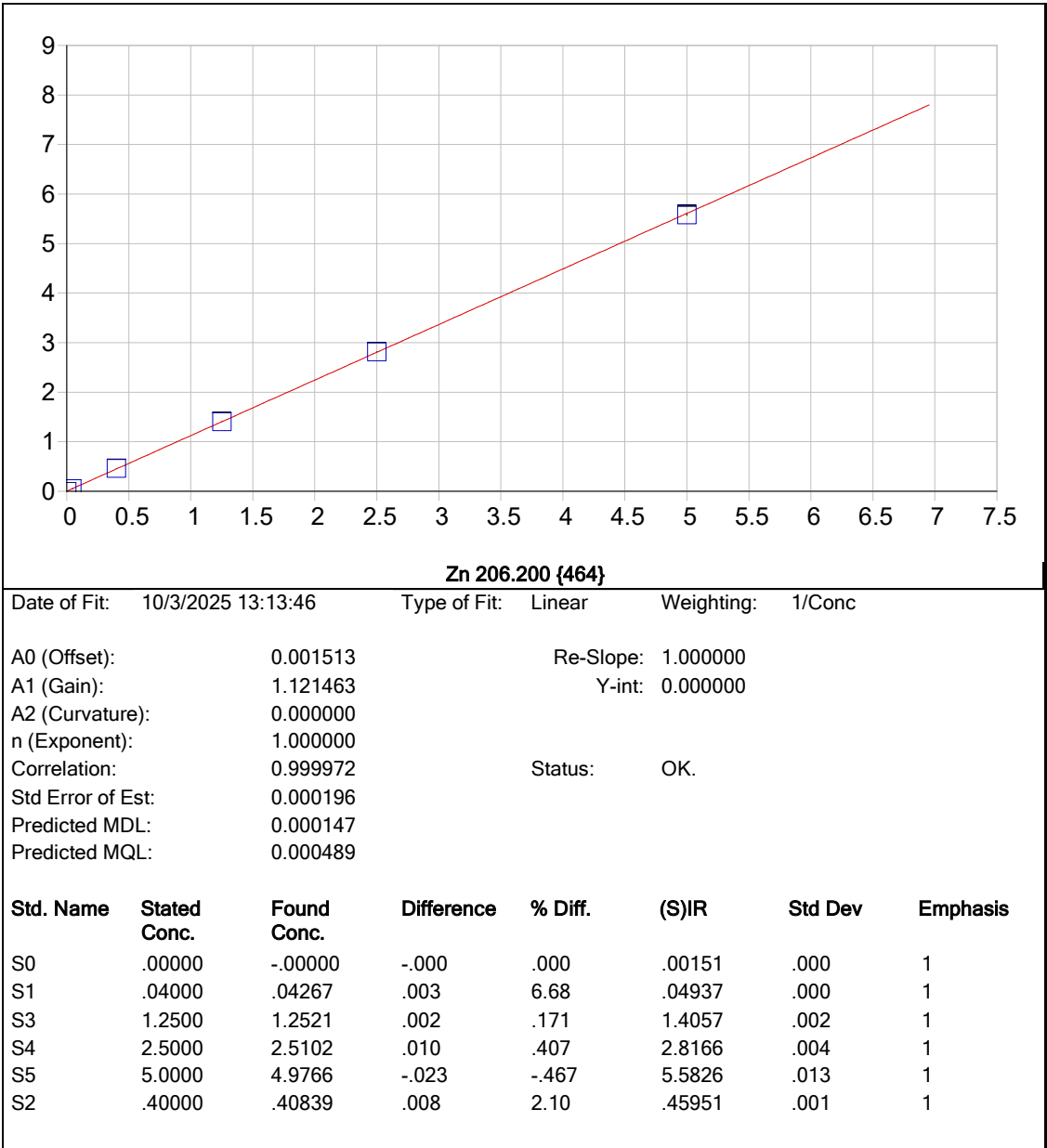


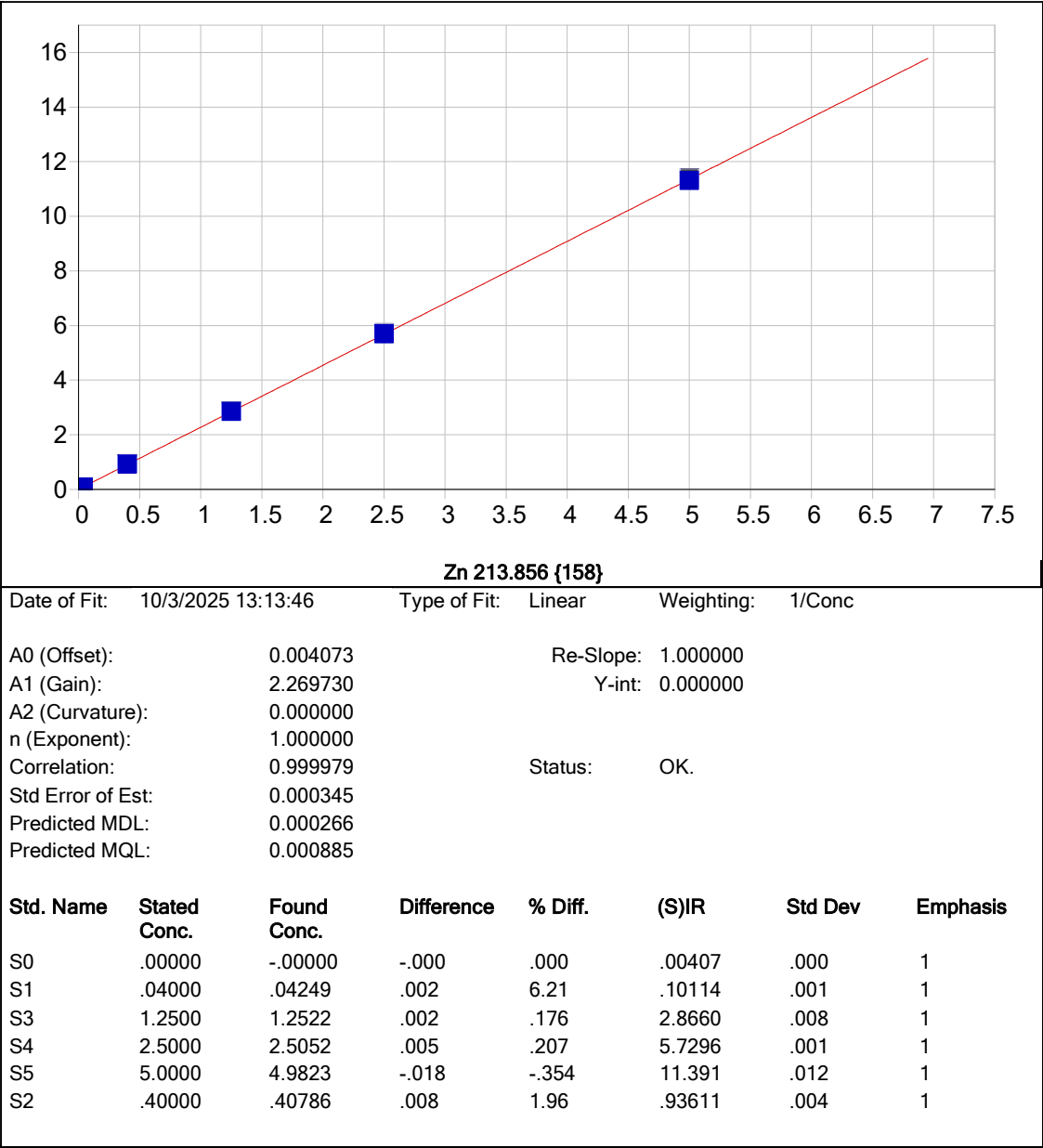


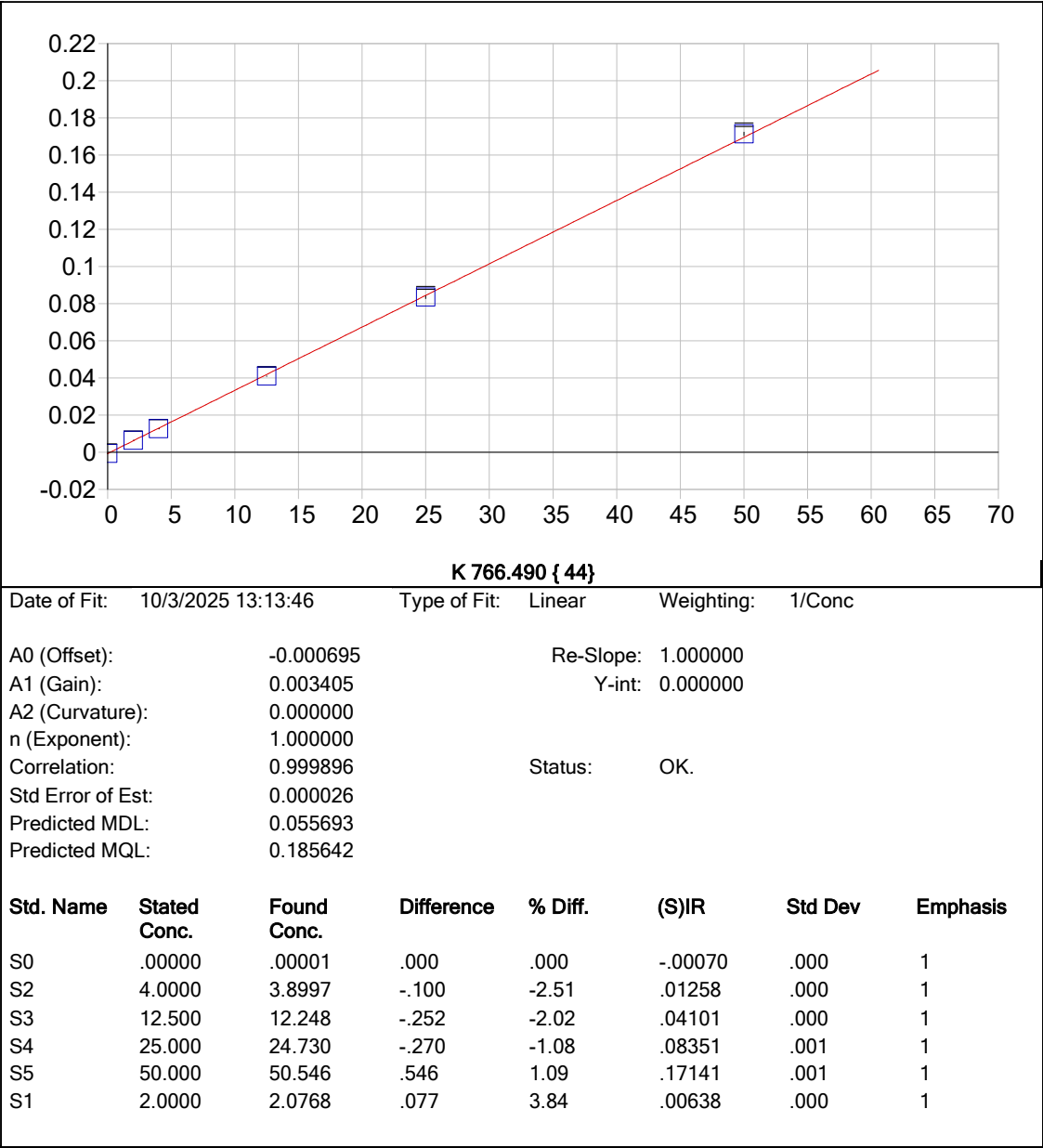


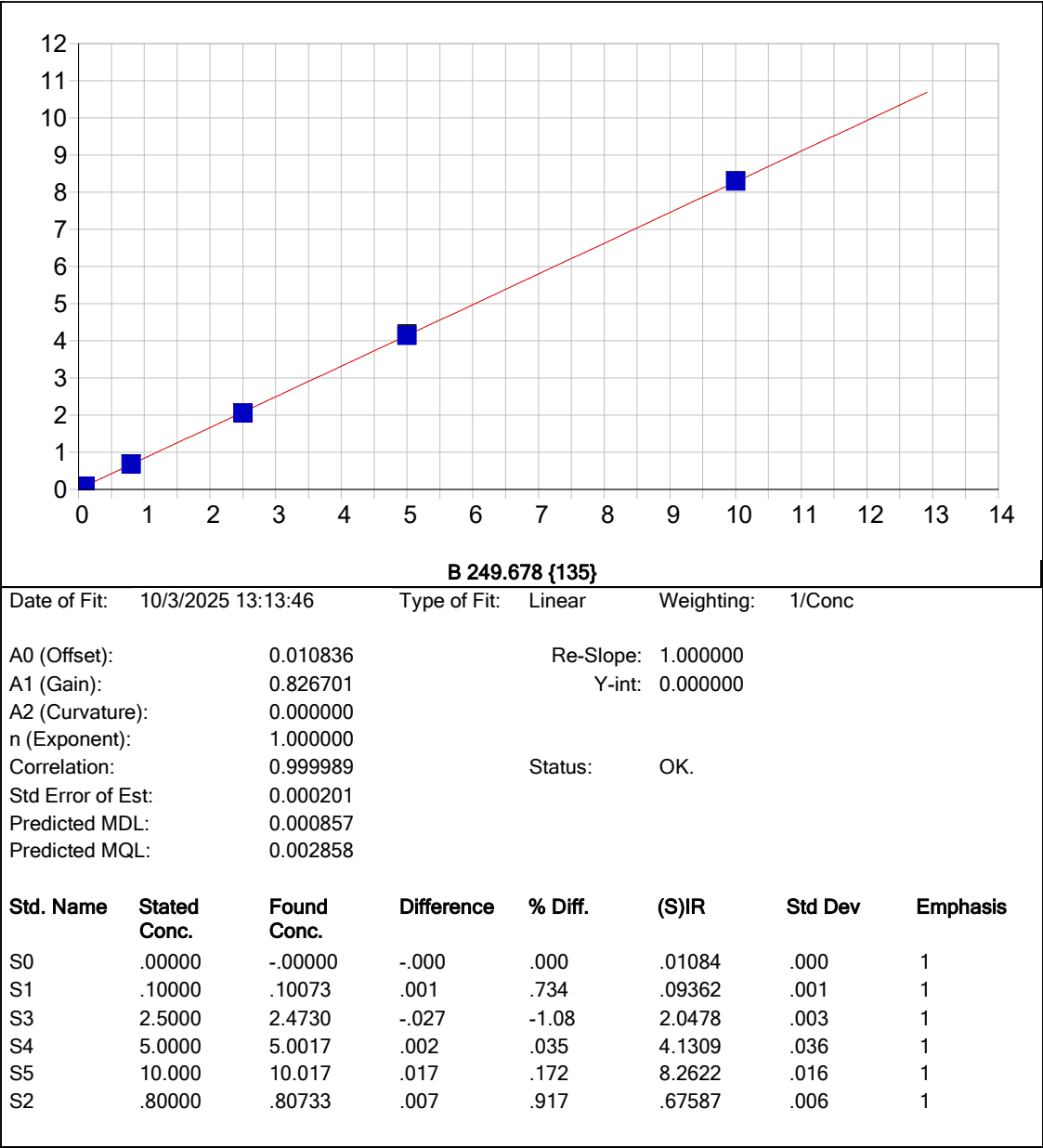


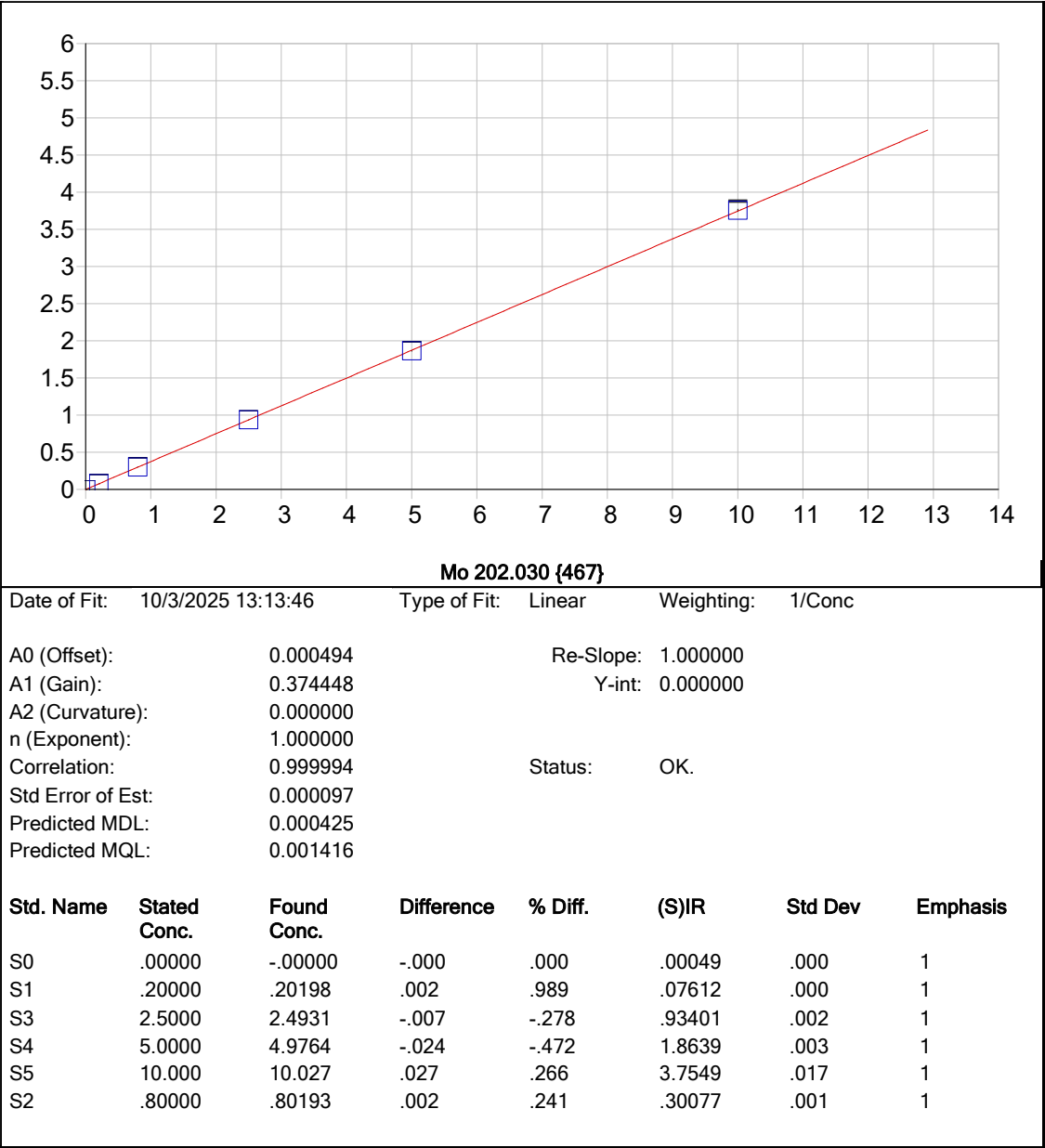


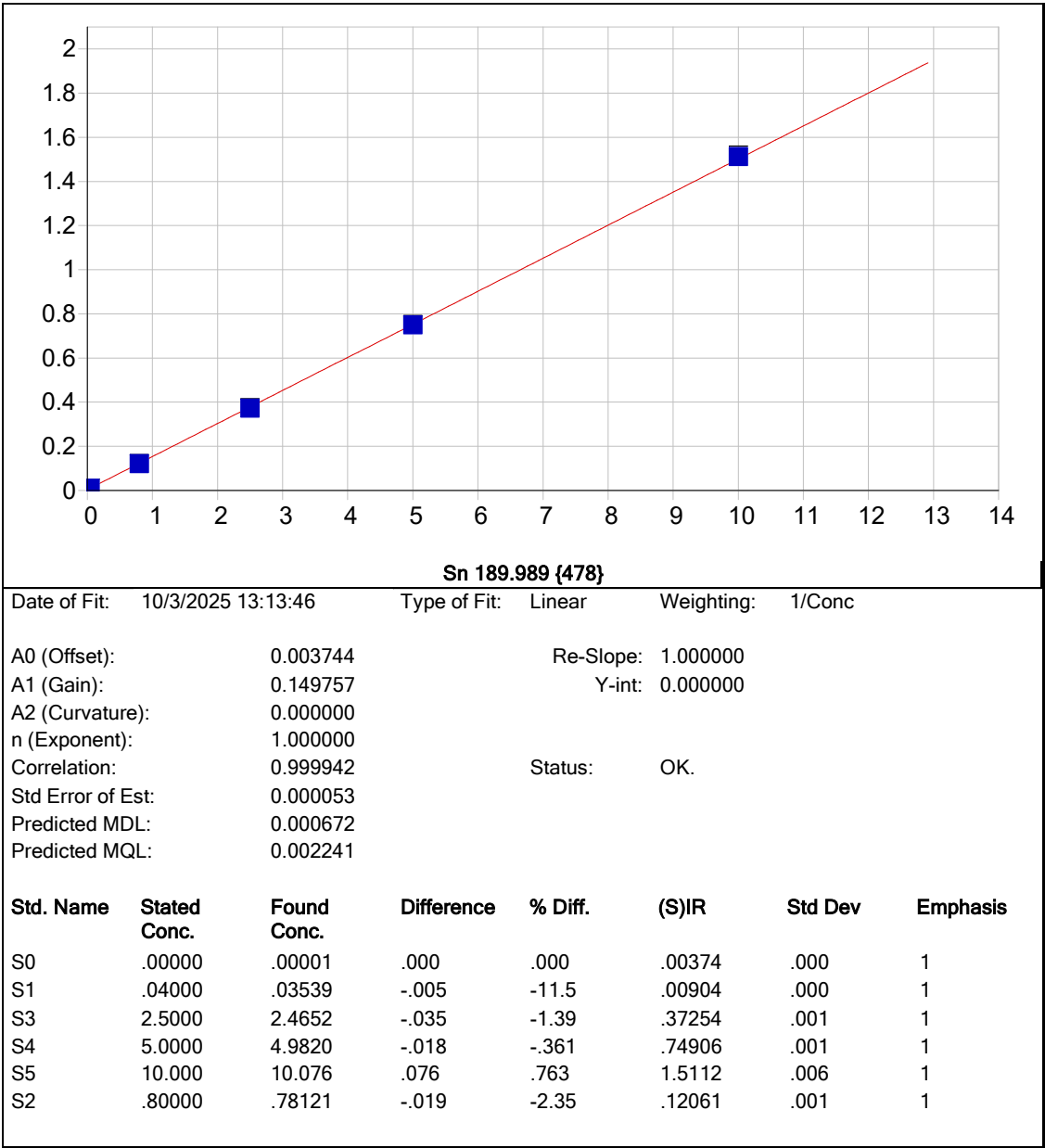


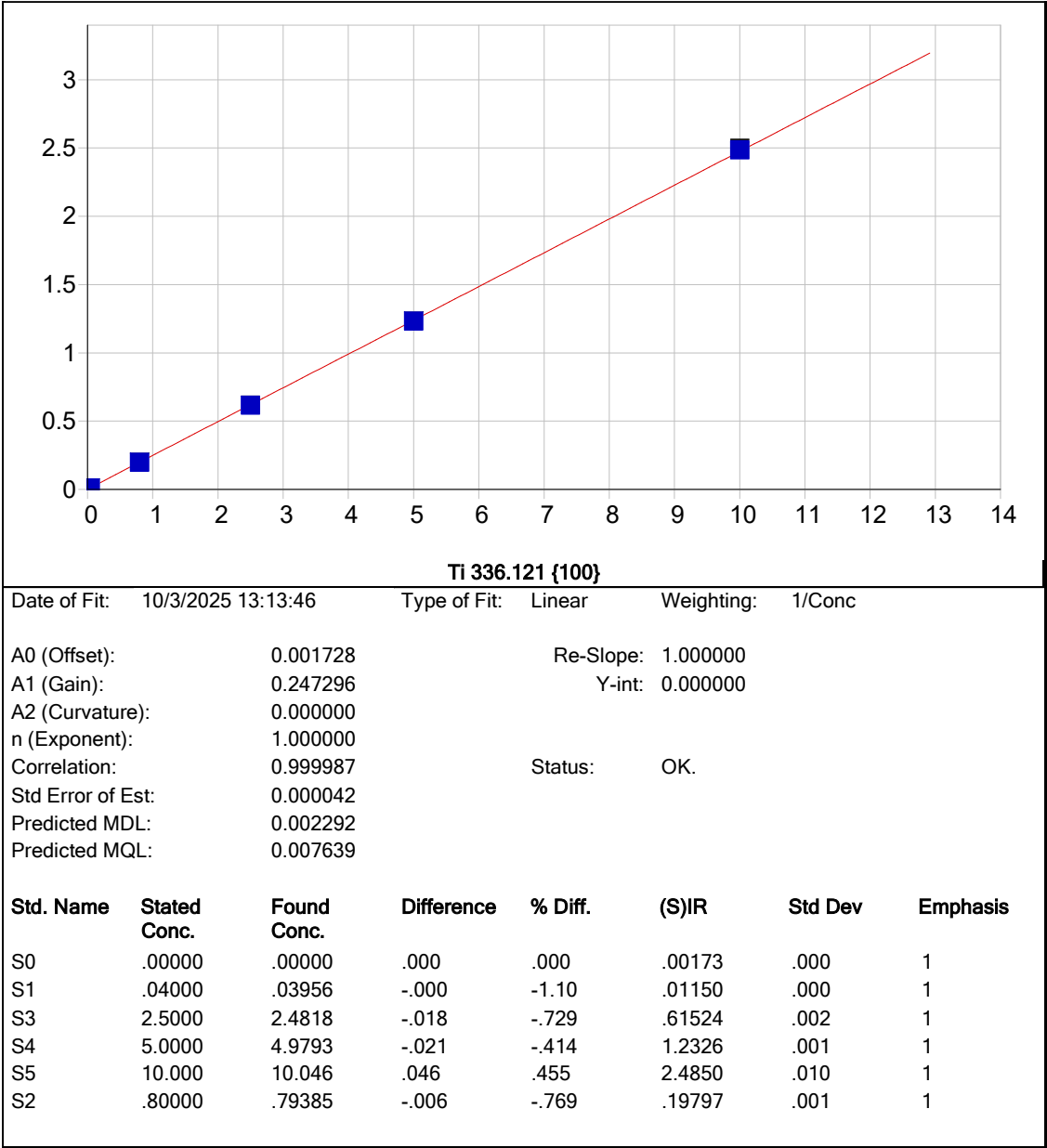


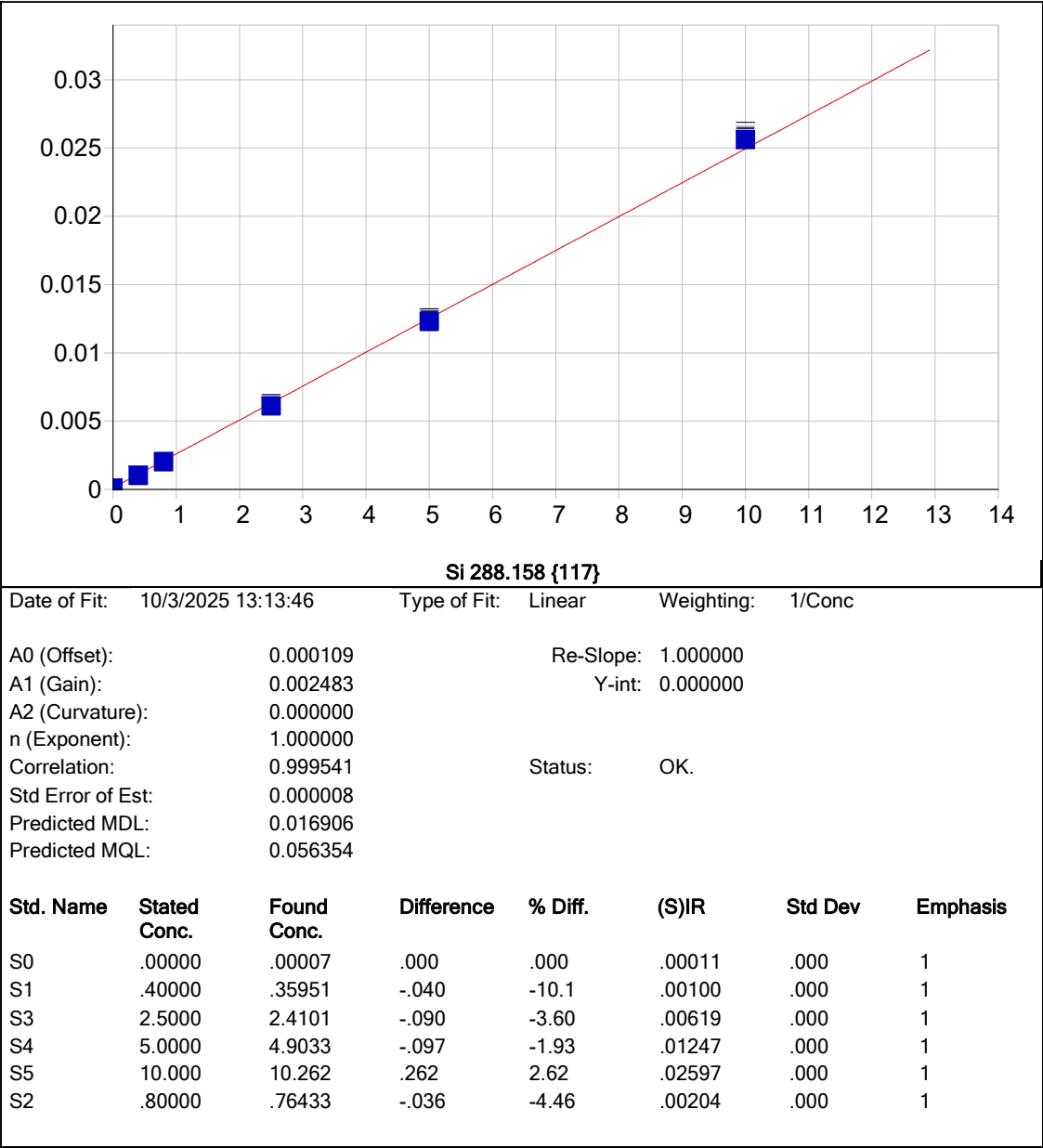


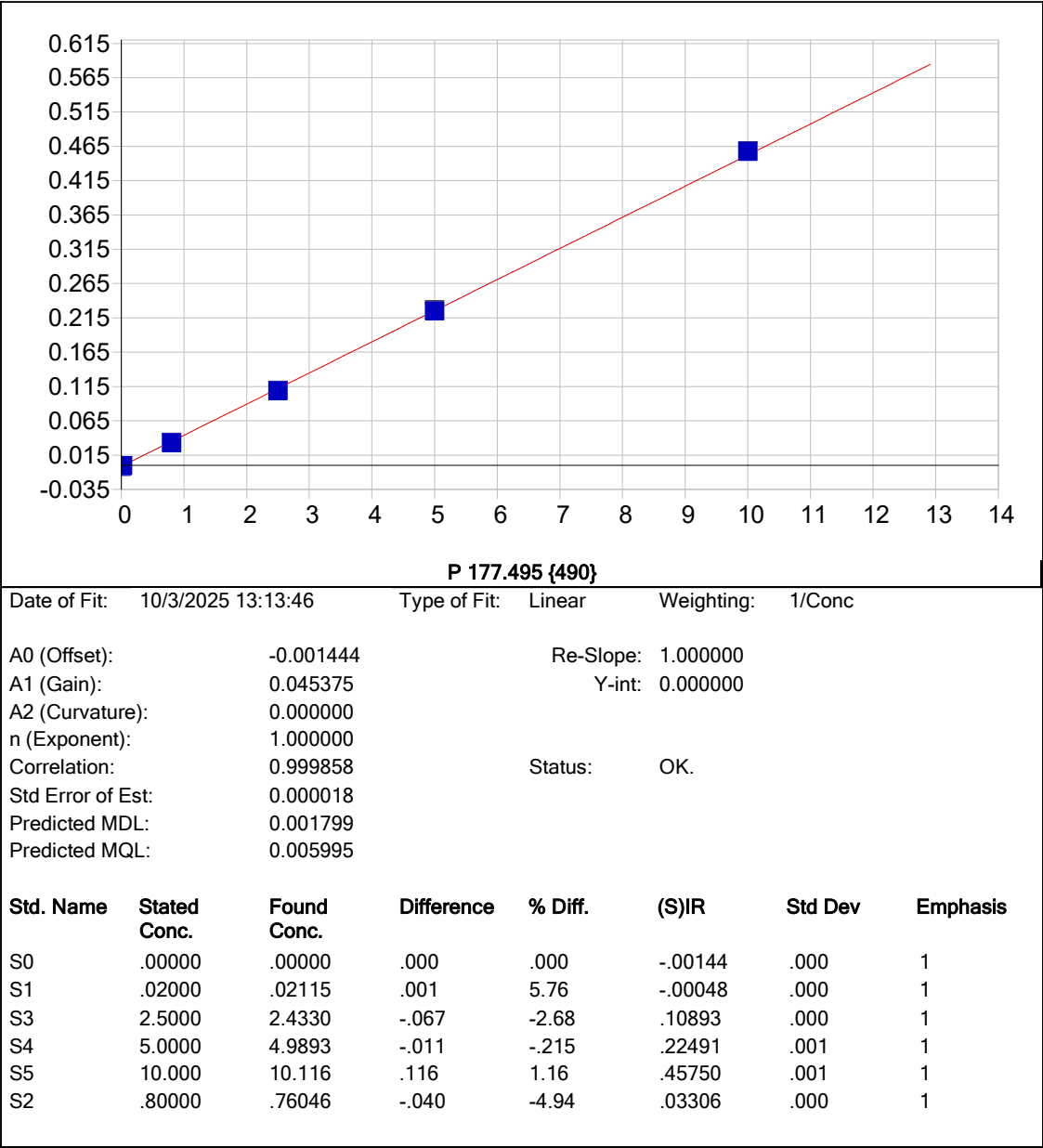


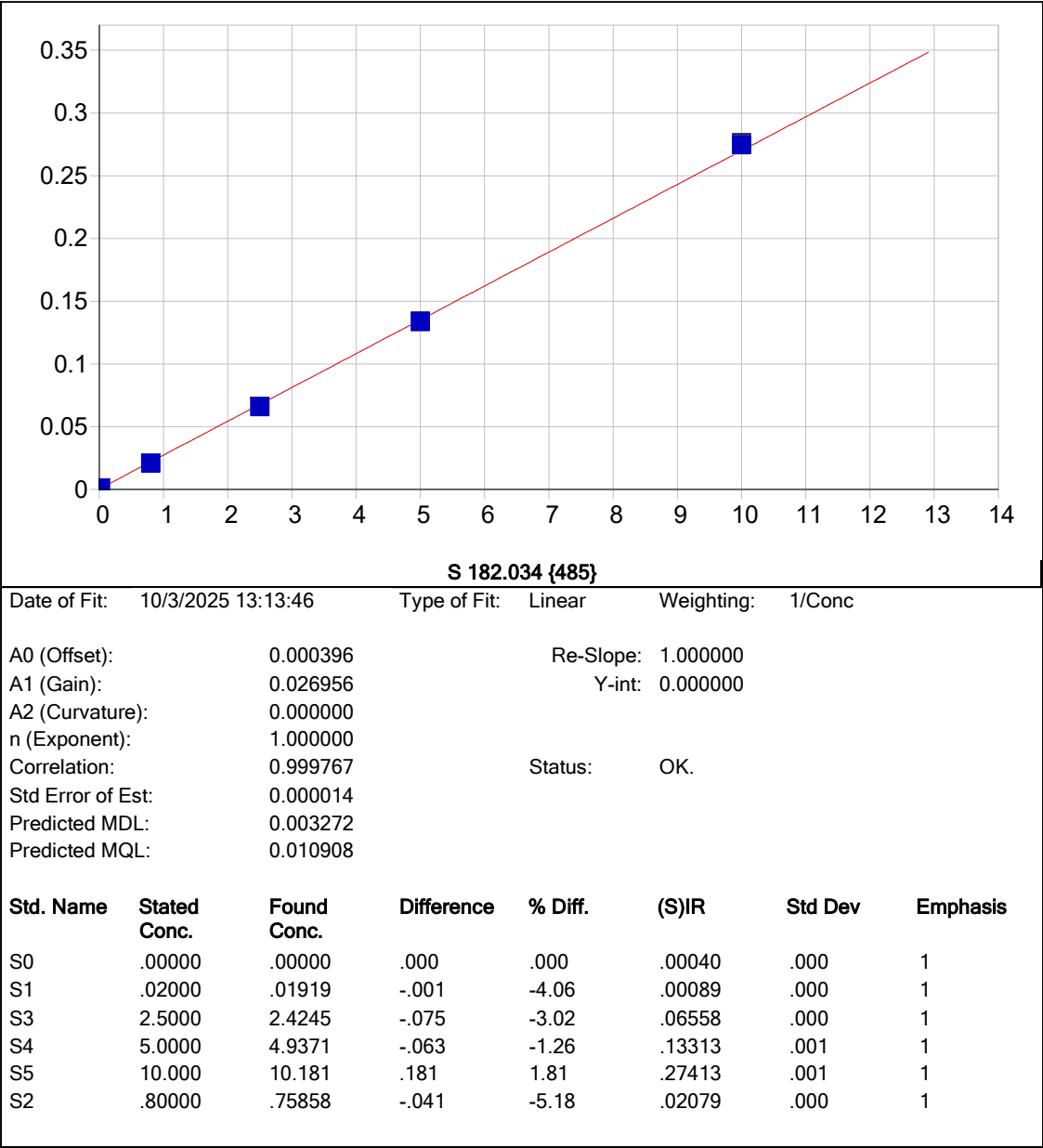


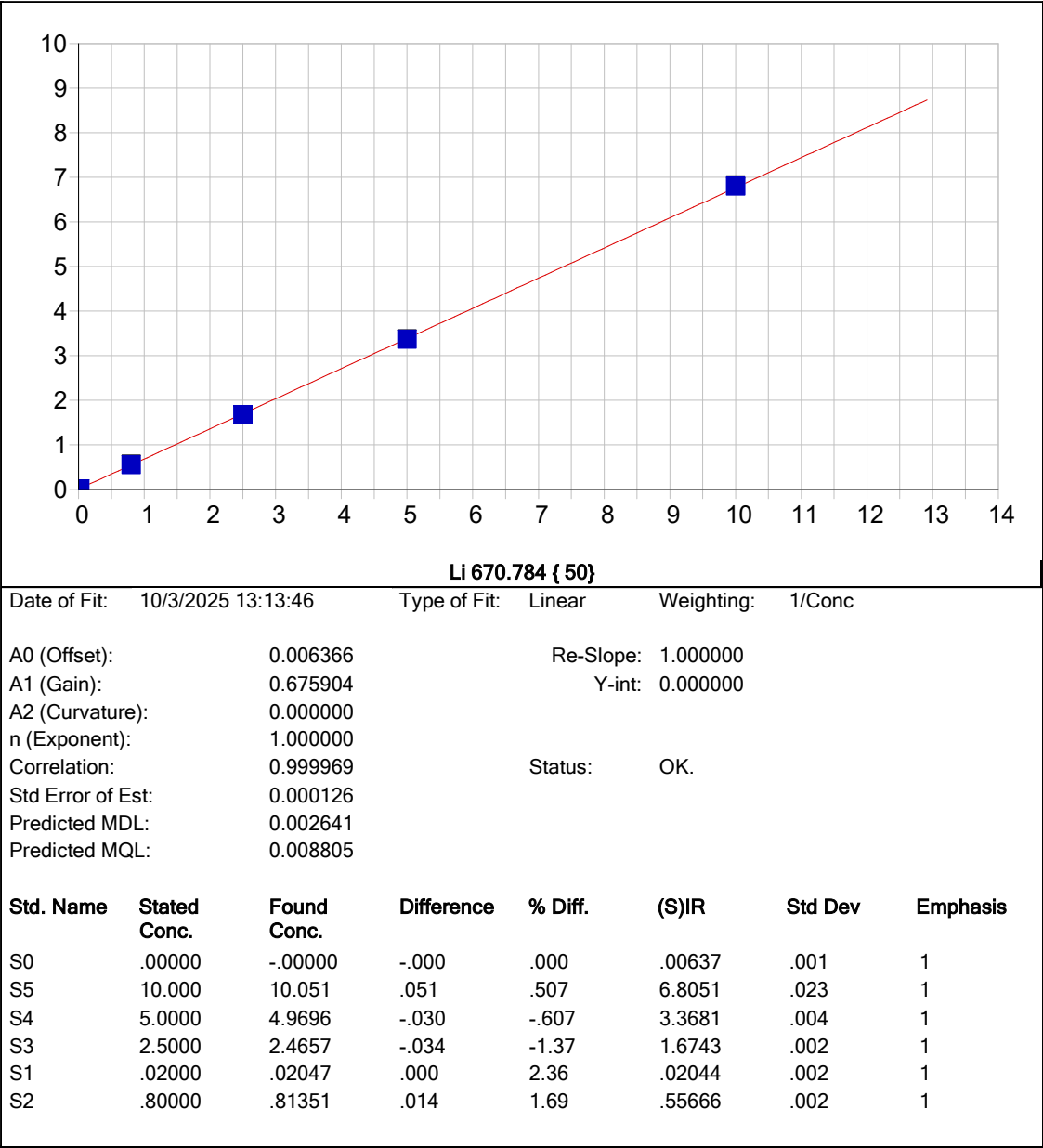


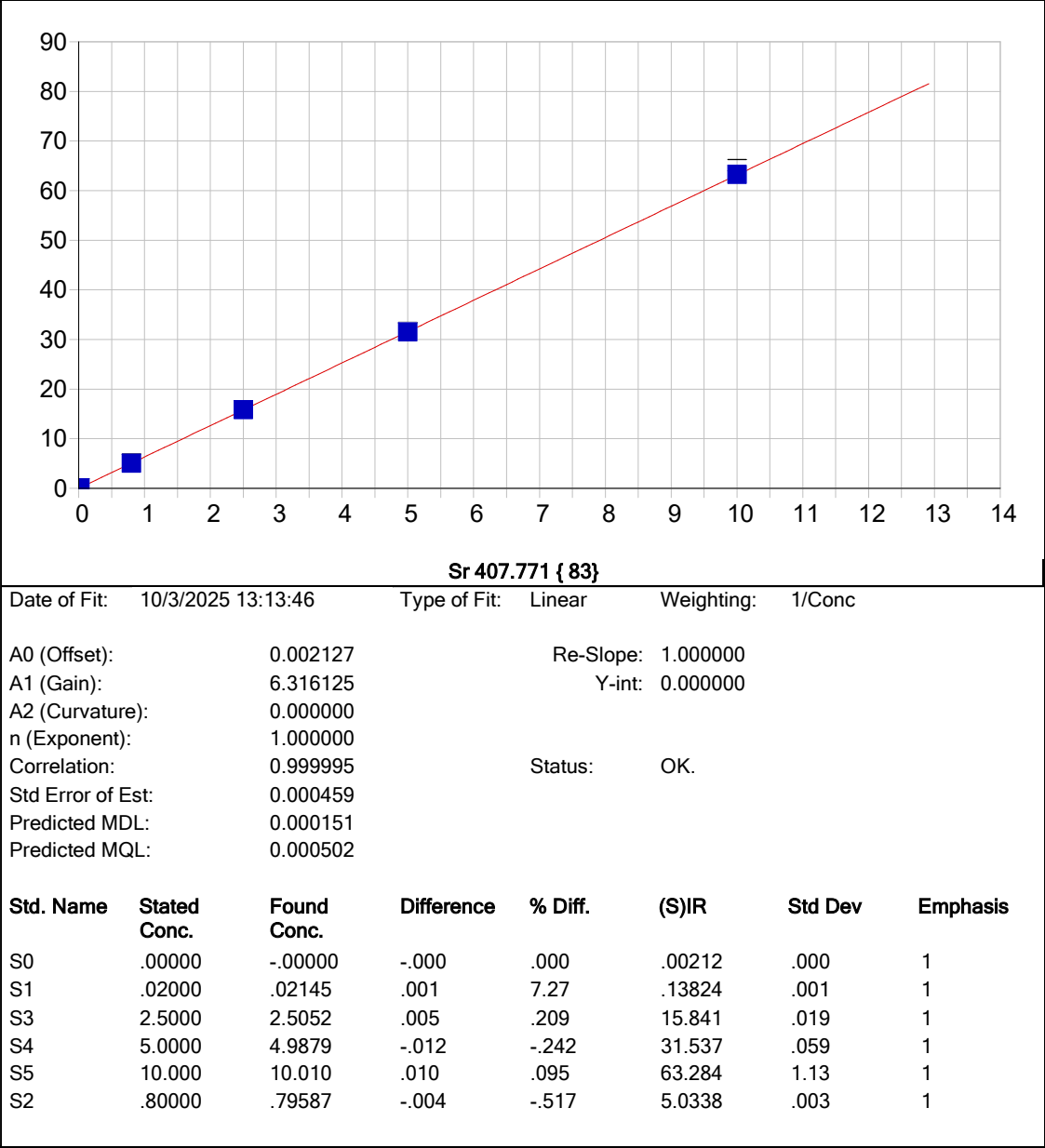


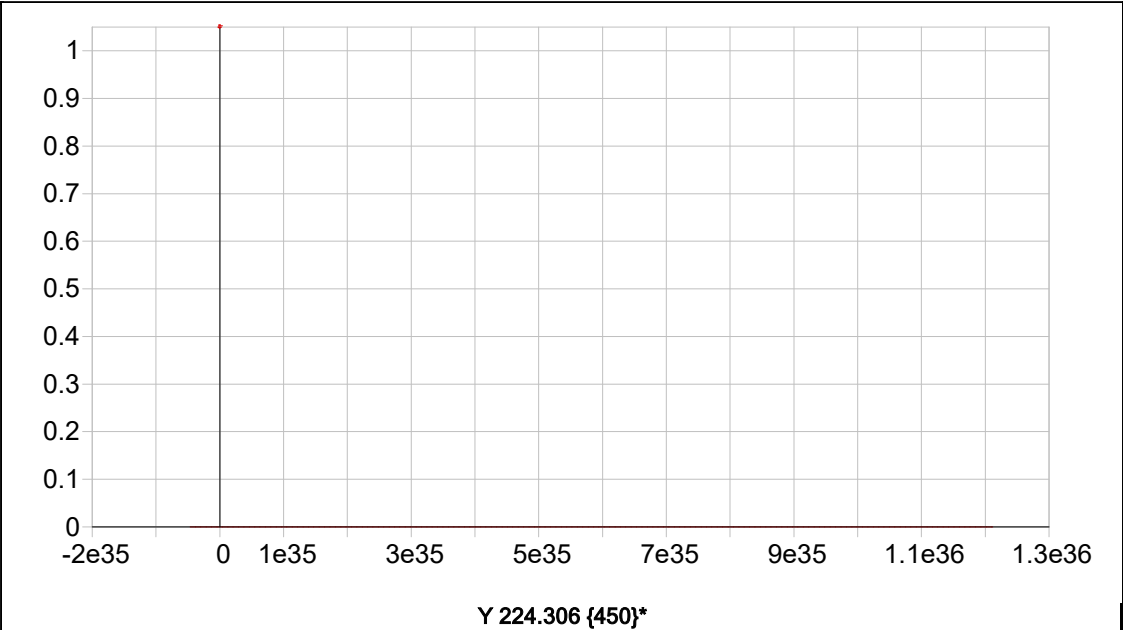












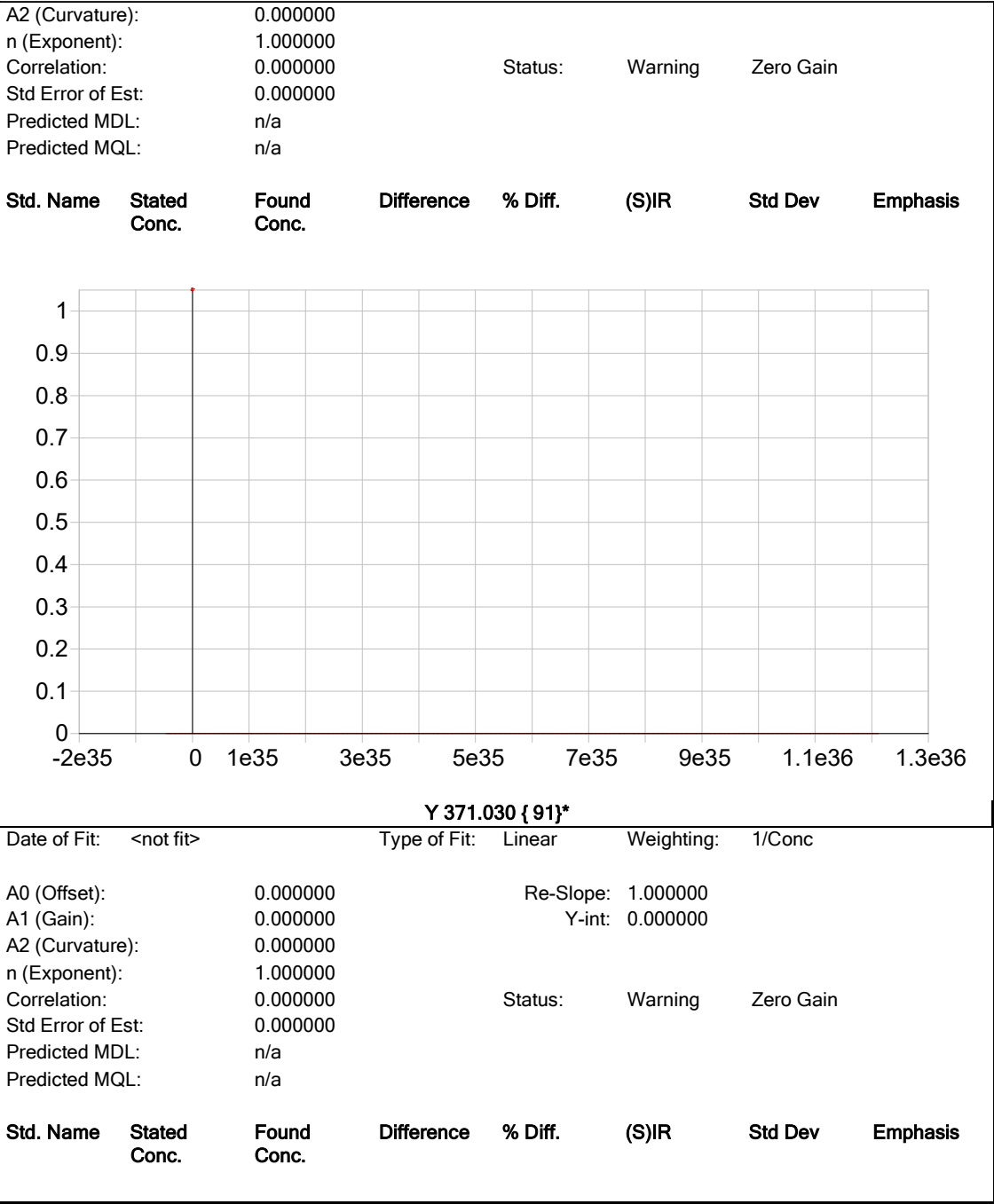
Date of Fit: 10/3/2025 13:13:46 Type of Fit: Linear Weighting: 1/Conc

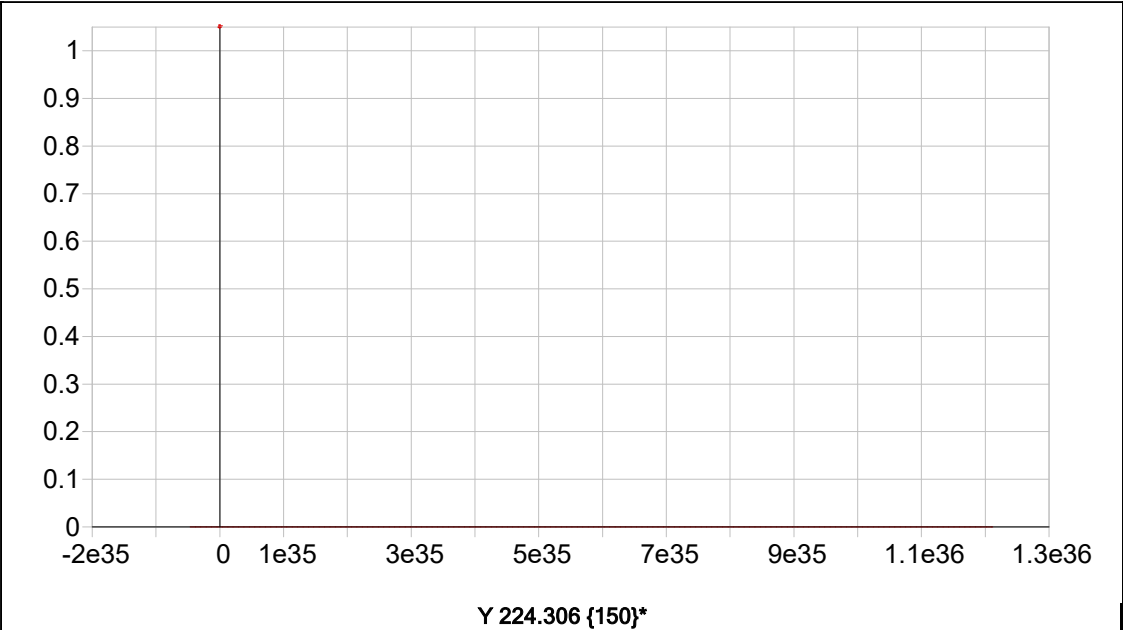
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

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

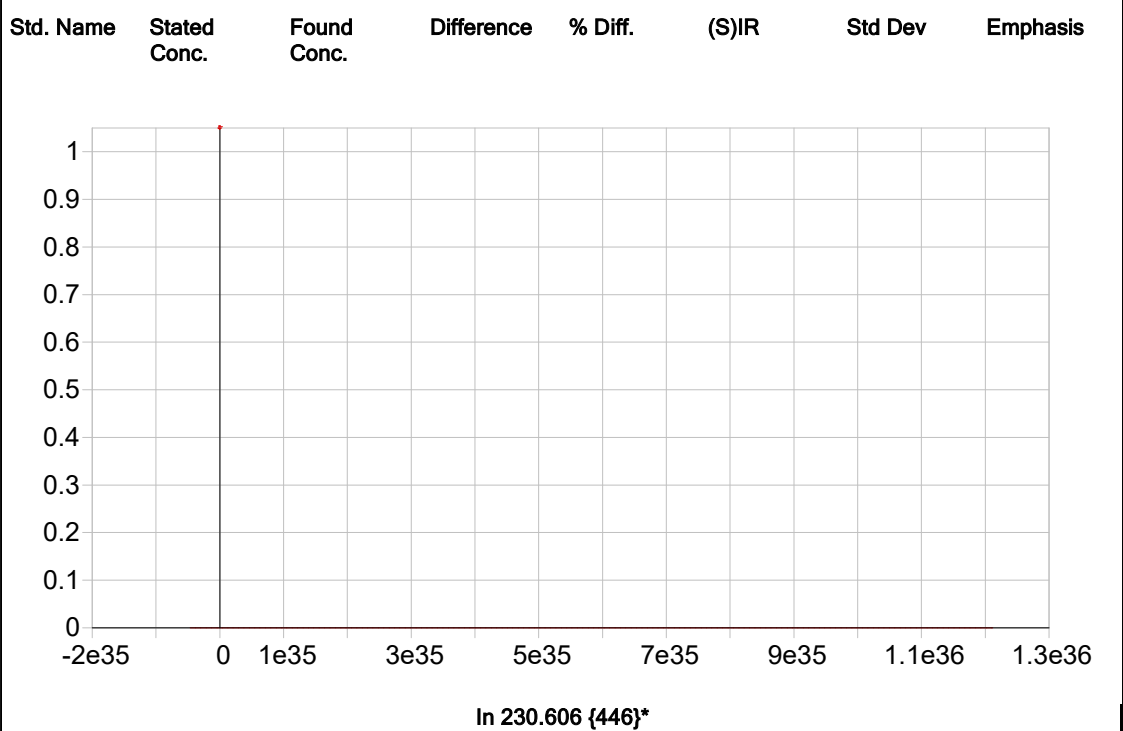
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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





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

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

LB137412

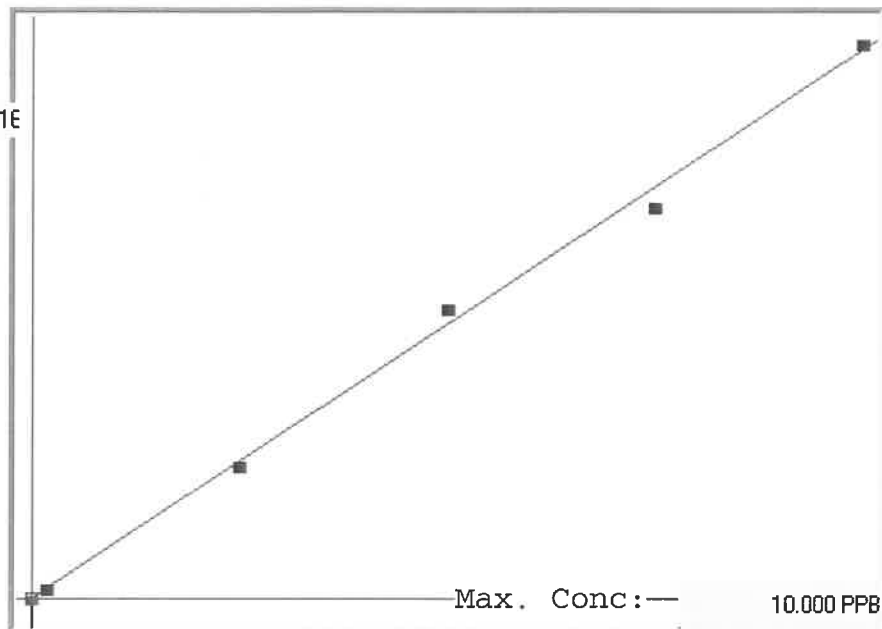
7470A

INSTRUMENT ID: CV1

Linear

μ Abs. :

39216



A= 0.0000e+000

B= 2.5777e-004

C= -2.3498e-003

Rho= 0.9986439

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	O/O D
0.0	0.000	0.010	0.010	48	0.000	48	0				-
0.2	0.200	0.199	-0.001	783	0.0 %	783	0				-1
2.5	2.500	2.436	-0.064	9461	0.0 %	9461	0				-2
5.0	5.000	5.294	0.294	20545	0.0 %	20545					-6
7.5	7.500	7.154	-0.346	27762	0.0 %	27762					-5
10.0	10.000	10.106	0.106	39216	0.0 %	39216					1

LB137412 INSTRUMENT ID : CV1

Reviewed By:
On:
Inst Id : CV1
LB : LB137412

Method: 7470A

Operator: Admin

Date of Analysis: 03 Oct 2025 10:56:23

Type	Sample ID	Extended ID	Conc.	μ Abs.	Units	Type	Std Conc	Method	Date
S	0.0 - 1	50	-	48	PPB	Std	0.0000	7470A	03 Oct 2025 10:56:56
S	0.2 - 1	50.2	-	783	PPB	Std	0.2000	7470A	03 Oct 2025 10:59:14
S	2.5 - 1	52.5	-	9461	PPB	Std	2.5000	7470A	03 Oct 2025 11:01:31
S	5.0 - 1	55	-	20545	PPB	Std	5.0000	7470A	03 Oct 2025 11:03:48
S	7.5 - 1	57.5	-	27762	PPB	Std	7.5000	7470A	03 Oct 2025 11:06:07
S	10.0 - 1	516	-	39216	PPB	Std	10.0000	7470A	03 Oct 2025 11:08:26
U	ICV58 - 1	ICV58	4.1050	15934	PPB	SMPL	-7470A		03 Oct 2025 11:12:03
U	ICB58 - 1	ICB58	-0.0526	-195	PPB	SMPL	-7470A		03 Oct 2025 11:14:18
U	CCV80 - 1	CCV80	5.2593	20412	PPB	SMPL	-7470A		03 Oct 2025 11:16:36
U	CCB80 - 1	CCB80	-0.0864	-326	PPB	SMPL	-7470A		03 Oct 2025 11:18:50
U	CRA - 1	CRA	0.1809	711	PPB	SMPL	-7470A		03 Oct 2025 11:21:09
U	HighStd - 1	HighStd	10.0694	39072	PPB	SMPL	-7470A		03 Oct 2025 11:23:24
U	ChkStd - 1	ChkStd	6.6722	25893	PPB	SMPL	-7470A		03 Oct 2025 11:32:07
U	PB169961BL - 1	PBW	-0.0681	-255	PPB	SMPL	-7470A		03 Oct 2025 11:34:22
U	PB169961BS - 1	LCSW	4.1014	15920	PPB	SMPL	-7470A		03 Oct 2025 11:36:46
U	Q3018-07 - 1	WP0925-PT-HG-WP	23.4826	91107	PPB	SMPL	-7470A		03 Oct 2025 11:39:02
U	Q3241-02 - 1	92225	-0.0637	-238	PPB	SMPL	-7470A		03 Oct 2025 11:41:21
U	Q3252-05 - 1	AUD-25-0161	-0.0614	-229	PPB	SMPL	-7470A		03 Oct 2025 11:43:57
U	Q3252-05DUP - 1	AUD-25-0161DUP	-0.0042	-7	PPB	SMPL	-7470A		03 Oct 2025 11:46:14
U	Q3252-05MS - 1	AUD-25-0161MS	3.6588	14203	PPB	SMPL	-7470A		03 Oct 2025 11:48:30
U	CCV81 - 1	CCV81	5.2271	20287	PPB	SMPL	-7470A		03 Oct 2025 11:50:45
U	CCB81 - 1	CCB81	-0.0774	-291	PPB	SMPL	-7470A		03 Oct 2025 11:53:03
U	Q3252-05MSD - 1	AUD-25-0161MSD	3.8459	14929	PPB	SMPL	-7470A		03 Oct 2025 11:55:22
U	Q3258-06 - 1	COMPOSITE	2.8548	11084	PPB	SMPL	-7470A		03 Oct 2025 11:57:37
U	Q3260-02 - 1	COMP	0.0871	347	PPB	SMPL	-7470A		03 Oct 2025 11:59:56
U	Q3263-01 - 1	251818	-0.0874	-330	PPB	SMPL	-7470A		03 Oct 2025 12:02:15
U	Q3263-02 - 1	266380	-0.0026	-1	PPB	SMPL	-7470A		03 Oct 2025 12:04:32
U	Q3252-05LX5 - 1		-0.2050	-786	PPB	SMPL	-7470A		03 Oct 2025 12:16:21
U	Q3252-05A - 1		4.0916	15882	PPB	SMPL	-7470A		03 Oct 2025 12:18:51
U	Q3018-07DLX5 - 1	WP0925-PT-HG-WP	4.7979	18622	PPB	SMPL	-7470A		03 Oct 2025 12:26:21
U	CCV82 - 1	CCV82	4.5324	17592	PPB	SMPL	-7470A		03 Oct 2025 12:35:31
U	CCB82 - 1	CCB82	-0.0214	-74	PPB	SMPL	-7470A		03 Oct 2025 12:40:28

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 BOCK #1 2. N/A

Start Digest Date: 10/02/2025 Time : 10:20 Temp : 96 °C

End Digest Date: 10/02/2025 Time : 13:25 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKS

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
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	MP87148
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
10/02/25 14:25	SKS met dig	SKS Met Lab
	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
PB169958BL	PBW958	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
PB169958BS	LCS958	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	10
Q3258-06	COMPOSITE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3263-01	251818	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3263-02	266380	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	13
Q3263-02MS	266380MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	15
Q3263-02MSD	266380MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	16
Q3263-02DUP	266380DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB169958

Worklist ID : 192245

Department : Digestion

Date : 10-02-2025 09:37:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3258-06	COMPOSITE	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	DALT01	D31	09/30/2025	6010D
Q3263-01	251818	Water	Metals PSEG Group2	1:1 HNO3 to pH < 2	PSEG03	D31	10/01/2025	6010D
Q3263-02	266380	Water	Metals PSEG Group2	1:1 HNO3 to pH < 2	PSEG03	D31	10/01/2025	6010D

Date/Time 10/02/2025 10:05
 Raw Sample Received by: Singmct d19
 Raw Sample Relinquished by: CPCS m1

Date/Time 10/02/2025 11:05
 Raw Sample Received by: CPCS m1
 Raw Sample Relinquished by: Singmct d19

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137412

Review By	jaswal	Review On	10/6/2025 11:37:06 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP87422,MP87424,MP87425,MP87426,MP87427,MP87428		
ICV Standard	MP87429		
CCV Standard	MP87431		
ICSA Standard			
CRI Standard	MP87433		
LCS Standard			
Chk Standard	MP87430,MP87432,MP.87435,MP87439		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/03/25 10:56		mohan	OK
2	S0.2	S0.2	CAL2	10/03/25 10:59		mohan	OK
3	S2.5	S2.5	CAL3	10/03/25 11:01		mohan	OK
4	S5	S5	CAL4	10/03/25 11:03		mohan	OK
5	S7.5	S7.5	CAL5	10/03/25 11:06		mohan	OK
6	S10	S10	CAL6	10/03/25 11:08		mohan	OK
7	ICV58	ICV58	ICV	10/03/25 11:12		mohan	OK
8	ICB58	ICB58	ICB	10/03/25 11:14		mohan	OK
9	CCV80	CCV80	CCV	10/03/25 11:16		mohan	OK
10	CCB80	CCB80	CCB	10/03/25 11:18		mohan	OK
11	CRA	CRA	CRDL	10/03/25 11:21		mohan	OK
12	HighStd	HighStd	HIGH STD	10/03/25 11:23		mohan	OK
13	ChkStd	ChkStd	SAM	10/03/25 11:32		mohan	OK
14	PB169961BL	PB169961BL	MB	10/03/25 11:34		mohan	OK
15	PB169961BS	PB169961BS	LCS	10/03/25 11:36		mohan	OK
16	Q3018-07	WP0925-PT-HG-WP	SAM	10/03/25 11:39	Hg is High, need Dilution	mohan	Dilution
17	Q3241-02	92225	SAM	10/03/25 11:41		mohan	OK
18	Q3252-05	AUD-25-0161	SAM	10/03/25 11:43		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137412

Review By	jaswal	Review On	10/6/2025 11:37:06 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP87422,MP87424,MP87425,MP87426,MP87427,MP87428		
ICV Standard	MP87429		
CCV Standard	MP87431		
ICSA Standard			
CRI Standard	MP87433		
LCS Standard			
Chk Standard	MP87430,MP87432,MP.87435,MP87439		

19	Q3252-05DUP	AUD-25-0161DUP	DUP	10/03/25 11:46		mohan	OK
20	Q3252-05MS	AUD-25-0161MS	MS	10/03/25 11:48		mohan	OK
21	CCV81	CCV81	CCV	10/03/25 11:50		mohan	OK
22	CCB81	CCB81	CCB	10/03/25 11:53		mohan	OK
23	Q3252-05MSD	AUD-25-0161MSD	MSD	10/03/25 11:55		mohan	OK
24	Q3258-06	COMPOSITE	SAM	10/03/25 11:57		mohan	OK
25	Q3260-02	COMP	SAM	10/03/25 11:59		mohan	OK
26	Q3263-01	251818	SAM	10/03/25 12:02		mohan	OK
27	Q3263-02	266380	SAM	10/03/25 12:04		mohan	OK
28	Q3252-05L	AUD-25-0161L	SD	10/03/25 12:16		mohan	OK
29	Q3252-05A	AUD-25-0161A	PS	10/03/25 12:18		mohan	OK
30	Q3018-07DL	WP0925-PT-HG-WPD	SAM	10/03/25 12:26	5X For Hg	mohan	Confirms
31	CCV82	CCV82	CCV	10/03/25 12:35		mohan	OK
32	CCB82	CCB82	CCB	10/03/25 12:40		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137426

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/03/25 11:53		Jaswal	OK
2	S1	S1	CAL2	10/03/25 11:58		Jaswal	OK
3	S2	S2	CAL3	10/03/25 12:02		Jaswal	OK
4	S3	S3	CAL4	10/03/25 12:06		Jaswal	OK
5	S4	S4	CAL5	10/03/25 12:10		Jaswal	OK
6	S5	S5	CAL6	10/03/25 12:14		Jaswal	OK
7	ICV01	ICV01	ICV	10/03/25 12:18		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/03/25 13:05		Jaswal	OK
9	ICB01	ICB01	ICB	10/03/25 13:12		Jaswal	OK
10	CRI01	CRI01	CRDL	10/03/25 13:16		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/03/25 13:20		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/03/25 13:25		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/03/25 13:29		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/03/25 13:33		Jaswal	OK
15	CCV01	CCV01	CCV	10/03/25 13:37		Jaswal	OK
16	CCB01	CCB01	CCB	10/03/25 13:41		Jaswal	OK
17	LR-1	LR-1	HIGH STD	10/03/25 13:45		Jaswal	OK
18	LR-2	LR-2	HIGH STD	10/03/25 13:50		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137426

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

19	PB169935BS	PB169935BS	LCS	10/03/25 14:03		Jaswal	OK
20	PB169937BL	PB169937BL	MB	10/03/25 14:07		Jaswal	OK
21	PB169937BS	PB169937BS	LCS	10/03/25 14:12		Jaswal	OK
22	PB169958BL	PB169958BL	MB	10/03/25 14:16		Jaswal	OK
23	PB169958BS	PB169958BS	LCS	10/03/25 14:20		Jaswal	OK
24	PB169963BL	PB169963BL	MB	10/03/25 14:24		Jaswal	OK
25	PB169935BL	PB169935BL	MB	10/03/25 14:33		Jaswal	OK
26	LR-3	LR-3	HIGH STD	10/03/25 14:49		Jaswal	OK
27	CCV02	CCV02	CCV	10/03/25 15:00		Jaswal	OK
28	CCB02	CCB02	CCB	10/03/25 15:04		Jaswal	OK
29	PB169963BS	PB169963BS	LCS	10/03/25 15:08		Jaswal	OK
30	PB169960BL	PB169960BL	MB	10/03/25 15:12		Jaswal	OK
31	PB169960BS	PB169960BS	LCS	10/03/25 15:17		Jaswal	OK
32	PB169959BL	PB169959BL	MB	10/03/25 15:21		Jaswal	OK
33	PB169959BS	PB169959BS	LCS	10/03/25 15:25		Jaswal	OK
34	Q3258-06	COMPOSITE	SAM	10/03/25 15:29		Jaswal	OK
35	Q3263-01	251818	SAM	10/03/25 15:34		Jaswal	OK
36	Q3263-02	266380	SAM	10/03/25 15:38		Jaswal	OK
37	Q3263-02DUP	266380DUP	DUP	10/03/25 15:42		Jaswal	OK
38	Q3263-02L	266380L	SD	10/03/25 15:46		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137426

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

39	CCV03	CCV03	CCV	10/03/25 15:51		Jaswal	OK
40	CCB03	CCB03	CCB	10/03/25 16:00		Jaswal	OK
41	Q3263-02MS	266380MS	MS	10/03/25 16:04		Jaswal	OK
42	Q3263-02MSD	266380MSD	MSD	10/03/25 16:08		Jaswal	OK
43	Q3263-02A	266380A	PS	10/03/25 16:12		Jaswal	OK
44	Q3269-01	EG1-TP1	SAM	10/03/25 16:16		Jaswal	OK
45	Q3269-04	EG1-TP2	SAM	10/03/25 16:20		Jaswal	OK
46	Q3262-01	PAD-100125	SAM	10/03/25 16:24		Jaswal	OK
47	Q3266-01	ENV-3-6FT	SAM	10/03/25 16:29		Jaswal	OK
48	Q3266-02	ENV-4-6FT	SAM	10/03/25 16:33	NOT USE	Jaswal	Not Ok
49	Q3266-02DUP	ENV-4-6FTDUP	DUP	10/03/25 16:37	NOT USE	Jaswal	Not Ok
50	Q3266-02L	ENV-4-6FTL	SD	10/03/25 16:41	NOT USE	Jaswal	Not Ok
51	CCV04	CCV04	CCV	10/03/25 16:45		Jaswal	OK
52	CCB04	CCB04	CCB	10/03/25 16:49		Jaswal	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Dal-Tile LLC - Dickson Plant
ADDRESS: 187 Warren G. Medley Drive
CITY: Dickson STATE: TN ZIP: 37055
ATTENTION: Michel Gil
PHONE: 214-309-4003 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Waste Water Sampling
PROJECT NO.: EM-2025-1026 LOCATION: Nashville, TN
PROJECT MANAGER: James Engler
e-mail: jane.engler@alliance-tg.com
PHONE: 601-415-6413 FAX:

CLIENT BILLING INFORMATION

BILL TO: ATG-Dynalene AEM PO#:
ADDRESS: 400 Texas 146
CITY: Baytown STATE: TX ZIP: 77520
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

1. 10/25/25
2. 10/25/25
3. 10/25/25
4. 10/25/25
5. 10/25/25
6. 10/25/25
7. 10/25/25
8. 10/25/25
9. 10/25/25

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		B	C	E	F	C	E	E	C		← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Monthly Cyanide	WW		X	9/29	2:10PM	1			X							10/25/25	9.11
2.	Additional Cyanide	WW		X	9/30	2:47	3			X							10/25/25	9.11
3.	Oil & Grease	WW		X	9/30	3:05	1		X								10/25/25	9.11
4.	Mercury	WW	X		9/30		1	X										
5.	Hexavalent Chromium	WW	X		9/30		1			X							10/25/25	9.11
6.	Ammonia Conc'd Sample	WW	X		9/30	3:20PM	1					X					10/25/25	9.11
7.	Free Cyanide Sample	WW	X		9/30	3:10PM	1						X					
8.	BOOS Conc'd Sample	WW	X		9/30	3:10PM	1								X			
9.	Total Phosphorus	WW	X		9/30		1									X		
10.	True Blank						1											

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

RELINQUISHED BY SAMPLER: 1. <u>James Engler</u>	DATE/TIME: <u>10/25/25</u>	RECEIVED BY: <u>1. Fred Bell 9/25/25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.2°C</u> °C
RELINQUISHED BY SAMPLER: 2. <u>UPS</u>	DATE/TIME: <u>10-1-25</u> <u>1025</u>	RECEIVED BY: <u>[Signature]</u>	Comments: _____
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page _____ of

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