Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

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LAB CHRONICLE

OrderID:	Q2349	**OrderDate:**	6/18/2025 11:38:00 AM
Client:	Tully Environmental, Inc	**Project:**	Transfer Station-SPDES
Contact:	Dean Devoe	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2349-01	**001-WILLETS-PT-BLVD(JUNE)**	**Water**			**06/17/25**			**06/18/25**
			Metals Group 10	200.7		06/18/25	06/19/25	
Q2349-04	**002-35TH-AVE(JUNE)**	**Water**			**06/17/25**			**06/18/25**
			Metals Group 10	200.7		06/18/25	06/19/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2349 **Order ID:** Q2349

Client: Tully Environmental, Inc **Project ID:** Transfer Station-SPDES

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 001-WILLETS-PT-BLVD(JUNE)								
Q2349-01	001-WILLETS-PT-BLVD(JUNE	Water	Copper	123		1.89	10.0	ug/L
Q2349-01	001-WILLETS-PT-BLVD(JUNE	Water	Iron	30700		18.0	50.0	ug/L
Q2349-01	001-WILLETS-PT-BLVD(JUNE	Water	Lead	135		1.21	6.00	ug/L
Client ID : 002-35TH-AVE(JUNE)								
Q2349-04	002-35TH-AVE(JUNE)	Water	Copper	126		1.89	10.0	ug/L
Q2349-04	002-35TH-AVE(JUNE)	Water	Iron	30400		18.0	50.0	ug/L
Q2349-04	002-35TH-AVE(JUNE)	Water	Lead	132		1.21	6.00	ug/L

SAMPLE DATA

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Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	06/17/25
Project:	Transfer Station-SPDES	Date Received:	06/18/25
Client Sample ID:	001-WILLETS-PT-BLVD(JUNE)	SDG No.:	Q2349
Lab Sample ID:	Q2349-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-50-8	Copper	123		1	1.89	10.0	ug/L	06/18/25 16:10	06/19/25 17:15	EPA 200.7	E200.7
7439-89-6	Iron	30700		1	18.0	50.0	ug/L	06/18/25 16:10	06/19/25 17:15	EPA 200.7	E200.7
7439-92-1	Lead	135		1	1.21	6.00	ug/L	06/18/25 16:10	06/19/25 17:15	EPA 200.7	E200.7

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group 10				

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

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Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	06/17/25
Project:	Transfer Station-SPDES	Date Received:	06/18/25
Client Sample ID:	002-35TH-AVE(JUNE)	SDG No.:	Q2349
Lab Sample ID:	Q2349-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-50-8	Copper	126		1	1.89	10.0	ug/L	06/18/25 16:10	06/19/25 17:19	EPA 200.7	E200.7
7439-89-6	Iron	30400		1	18.0	50.0	ug/L	06/18/25 16:10	06/19/25 17:19	EPA 200.7	E200.7
7439-92-1	Lead	132		1	1.21	6.00	ug/L	06/18/25 16:10	06/19/25 17:19	EPA 200.7	E200.7

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group 10				

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

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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	Copper	1050	1000	105	95 - 105	P	06/19/2025	14:45	LB136210
	Iron	3950	4000	99	95 - 105	P	06/19/2025	14:45	LB136210
	Lead	3830	4000	96	95 - 105	P	06/19/2025	14:45	LB136210

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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	Copper	20.3	20.0	102	80 - 120	P	06/19/2025	14:57	LB136210
	Iron	96.2	100	96	80 - 120	P	06/19/2025	14:57	LB136210
	Lead	10.8	12.0	90	80 - 120	P	06/19/2025	14:57	LB136210

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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	Copper	1280	1250	102	90 - 110	P	06/19/2025	15:33	LB136210
	Iron	4980	5000	100	90 - 110	P	06/19/2025	15:33	LB136210
	Lead	4880	5000	98	90 - 110	P	06/19/2025	15:33	LB136210
CCV02	Copper	1370	1250	109	90 - 110	P	06/19/2025	16:31	LB136210
	Iron	5290	5000	106	90 - 110	P	06/19/2025	16:31	LB136210
	Lead	4910	5000	98	90 - 110	P	06/19/2025	16:31	LB136210
CCV03	Copper	1310	1250	105	90 - 110	P	06/19/2025	16:44	LB136210
	Iron	5130	5000	103	90 - 110	P	06/19/2025	16:44	LB136210
	Lead	5040	5000	101	90 - 110	P	06/19/2025	16:44	LB136210
CCV04	Copper	1260	1250	101	90 - 110	P	06/19/2025	17:32	LB136210
	Iron	4890	5000	98	90 - 110	P	06/19/2025	17:32	LB136210
	Lead	4900	5000	98	90 - 110	P	06/19/2025	17:32	LB136210
CCV05	Copper	1280	1250	102	90 - 110	P	06/19/2025	18:25	LB136210
	Iron	4900	5000	98	90 - 110	P	06/19/2025	18:25	LB136210
	Lead	4920	5000	98	90 - 110	P	06/19/2025	18:25	LB136210
CCV06	Copper	1260	1250	101	90 - 110	P	06/19/2025	19:19	LB136210
	Iron	4810	5000	96	90 - 110	P	06/19/2025	19:19	LB136210
	Lead	4900	5000	98	90 - 110	P	06/19/2025	19:19	LB136210
CCV07	Copper	1260	1250	101	90 - 110	P	06/19/2025	19:53	LB136210
	Iron	4890	5000	98	90 - 110	P	06/19/2025	19:53	LB136210
	Lead	4900	5000	98	90 - 110	P	06/19/2025	19:53	LB136210

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Copper	20.9	20.0	104	65 - 135	P	06/19/2025	15:06	LB136210
	Iron	106	100	106	65 - 135	P	06/19/2025	15:06	LB136210
	Lead	10.2	12.0	85	65 - 135	P	06/19/2025	15:06	LB136210

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Copper	4.60	+/-10	U	20.0	P	06/19/2025	15:01	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	15:01	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	15:01	LB136210

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Copper	4.60	+/-10	U	20.0	P	06/19/2025	15:43	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	15:43	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	15:43	LB136210
CCB02	Copper	4.60	+/-10	U	20.0	P	06/19/2025	16:35	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	16:35	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	16:35	LB136210
CCB03	Copper	4.60	+/-10	U	20.0	P	06/19/2025	16:48	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	16:48	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	16:48	LB136210
CCB04	Copper	4.60	+/-10	U	20.0	P	06/19/2025	17:36	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	17:36	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	17:36	LB136210
CCB05	Copper	4.60	+/-10	U	20.0	P	06/19/2025	18:29	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	18:29	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	18:29	LB136210
CCB06	Copper	4.60	+/-10	U	20.0	P	06/19/2025	19:23	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	19:23	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	19:23	LB136210
CCB07	Copper	4.60	+/-10	U	20.0	P	06/19/2025	19:58	LB136210
	Iron	23.4	+/-50	U	100	P	06/19/2025	19:58	LB136210
	Lead	2.30	+/-6	U	12.0	P	06/19/2025	19:58	LB136210

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number

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PREPARATION BLANK SUMMARY

Client: Tully Environmental, Inc **SDG No.:** Q2349

Instrument: P5

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168539BL		**WATER**		**Batch Number:**	**PB168539**		**Prep Date:**	**06/18/2025**	
	Copper	1.89	<5	U	10.0	P	06/19/2025	17:41	LB136210
	Iron	18.0	<25	U	50.0	P	06/19/2025	17:41	LB136210
	Lead	1.21	<3	U	6.00	P	06/19/2025	17:41	LB136210

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INTERFERENCE CHECK SAMPLE

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

ICS Source: EPA **Instrument ID:** P5

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	Copper	-11.5	2.0	575	-18	22	06/19/2025	15:10	LB136210
	Iron	104000	100000	104	85600	116500	06/19/2025	15:10	LB136210
	Lead	6.98			-12	12	06/19/2025	15:10	LB136210
ICSAB01	Copper	491	510	96	434	588	06/19/2025	15:16	LB136210
	Iron	103000	99000	104	84400	114500	06/19/2025	15:16	LB136210
	Lead	51.1	49.0	104	37	61	06/19/2025	15:16	LB136210
ICSA	Copper	-18.5	2.0	925	-18	22	06/19/2025	15:23	LB136210
	Iron	104000	100000	104	85600	116500	06/19/2025	15:23	LB136210
	Lead	31.5			-12	12	06/19/2025	15:23	LB136210
ICSAB	Copper	464	510	91	434	588	06/19/2025	15:28	LB136210
	Iron	103000	99000	104	84400	114500	06/19/2025	15:28	LB136210
	Lead	48.9	49.0	100	37	61	06/19/2025	15:28	LB136210

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MATRIX SPIKE SUMMARY

client: Tully Environmental, Inc **level:** low **sdg no.:** Q2349

contract: TULL01 **lab code:** CHEM **case no.:** Q2349 **sas no.:** Q2349

matrix: Water **sample id:** Q2348-02 **client id:** 002-35TH-AVE(MAY)MS

Percent Solids for Sample: NA **Spiked ID:** Q2348-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Copper	ug/L	75 - 125	213		64.4		150	99		P
Iron	ug/L	75 - 125	16100		14100		1500	133		P
Lead	ug/L	75 - 125	539		66.9		500	94		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Environmental, Inc **level:** low **sdg no.:** Q2349

contract: TULL01 **lab code:** CHEM **case no.:** Q2349 **sas no.:** Q2349

matrix: Water **sample id:** Q2348-02 **client id:** 002-35TH-AVE(MAY)MSD

Percent Solids for Sample: NA **Spiked ID:** Q2348-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Copper	ug/L	75 - 125	233		64.4		150	112		P
Iron	ug/L	75 - 125	17500		14100		1500	225		P
Lead	ug/L	75 - 125	574		66.9		500	102		P

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Metals
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Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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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DUPLICATE SAMPLE SUMMARY

Client: Tully Environmental, Inc **Level:** LOW **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

Matrix: Water **Sample ID:** Q2348-02 **Client ID:** 002-35TH-AVE(MAY)DUP

Percent Solids for Sample: NA **Duplicate ID** Q2348-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Copper	ug/L	20	64.4		58.8		9		P
Iron	ug/L	20	14100		14900		6		P
Lead	ug/L	20	66.9		64.5		4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tully Environmental, Inc **Level:** LOW **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

Matrix: Water **Sample ID:** Q2348-02MS **Client ID:** 002-35TH-AVE(MAY)MSD

Percent Solids for Sample: NA **Duplicate ID** Q2348-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Copper	ug/L	20	213		233		9		P
Iron	ug/L	20	16100		17500		8		P
Lead	ug/L	20	539		574		6		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168539BS							
Copper	ug/L	150	165		110	85 - 115	P
Iron	ug/L	1500	1610		107	85 - 115	P
Lead	ug/L	500	477		95	85 - 115	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

002-35TH-AVE(MAY)L

Lab Name: Chemtech Consulting Group **Contract:** TULL01

Lab Code: CHEM **Lb No.:** lb136210 **Lab Sample ID :** Q2348-02L **SDG No.:** Q2349

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Copper	64.4		66.9		4		P
Iron	14100		15000		7		P
Lead	66.9		71.7		7		P

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Case No.:** Q2349 **SAS No.:** Q2349

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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Fax : 908 789 8922

Metals
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SAMPLE PREPARATION SUMMARY

Client: Tully Environmental, Inc **SDG No.:** Q2349

Contract: TULL01 **Lab Code:** CHEM **Method:**

Case No.: Q2349 **SAS No.:** Q2349

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168539**						
PB168539BL	PB168539BL	MB	WATER	06/18/2025	50.0	25.0	
PB168539BS	PB168539BS	LCS	WATER	06/18/2025	50.0	25.0	
Q2348-02DUP	002-35TH-AVE(MAY)DUP	DUP	WATER	06/18/2025	50.0	25.0	
Q2348-02MS	002-35TH-AVE(MAY)MS	MS	WATER	06/18/2025	50.0	25.0	
Q2348-02MSD	002-35TH-AVE(MAY)MSD	MSD	WATER	06/18/2025	50.0	25.0	
Q2349-01	001-WILLETS-PT-BLVD(JUNE)	SAM	WATER	06/18/2025	50.0	25.0	
Q2349-04	002-35TH-AVE(JUNE)	SAM	WATER	06/18/2025	50.0	25.0	

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metals
- 14 -
ANALYSIS RUN LOG

Client: Tully Environmental, Inc **Contract:** TULL01

Lab code: CHEM **Case no.:** Q2349 **Sas no.:** Q2349 **Sdg no.:** Q2349

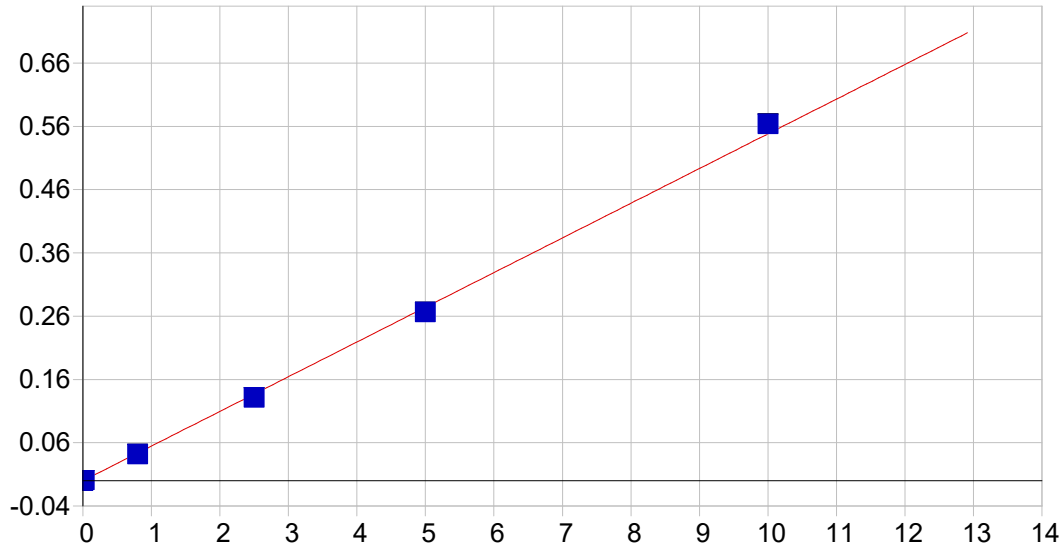
Instrument id number: **Method:** **Run number:** LB136210

Start date: 06/19/2025 **End date:** 06/19/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1410	Cu,Fe,Pb
S1	S1	1	1414	Cu,Fe,Pb
S2	S2	1	1419	Cu,Fe,Pb
S3	S3	1	1423	Cu,Fe,Pb
S4	S4	1	1427	Cu,Fe,Pb
S5	S5	1	1431	Cu,Fe,Pb
ICV01	ICV01	1	1445	Cu,Fe,Pb
LLICV01	LLICV01	1	1457	Cu,Fe,Pb
ICB01	ICB01	1	1501	Cu,Fe,Pb
CRI01	CRI01	1	1506	Cu,Fe,Pb
ICSA01	ICSA01	1	1510	Cu,Fe,Pb
ICSAB01	ICSAB01	1	1516	Cu,Fe,Pb
ICSA	ICSA	20	1523	Cu,Fe,Pb
ICSAB	ICSAB	20	1528	Cu,Fe,Pb
CCV01	CCV01	1	1533	Cu,Fe,Pb
CCB01	CCB01	1	1543	Cu,Fe,Pb
CCV02	CCV02	1	1631	Cu,Fe,Pb
CCB02	CCB02	1	1635	Cu,Fe,Pb
CCV03	CCV03	1	1644	Cu,Fe,Pb
CCB03	CCB03	1	1648	Cu,Fe,Pb
Q2348-02DUP	002-35TH-AVE(MAY)DUP	1	1653	Cu,Fe,Pb
Q2348-02L	002-35TH-AVE(MAY)L	5	1657	Cu,Fe,Pb
Q2348-02MS	002-35TH-AVE(MAY)MS	1	1702	Cu,Fe,Pb
Q2348-02MSD	002-35TH-AVE(MAY)MSD	1	1706	Cu,Fe,Pb
Q2349-01	001-WILLETS-PT-BLVD(JUNE	1	1715	Cu,Fe,Pb
Q2349-04	002-35TH-AVE(JUNE)	1	1719	Cu,Fe,Pb
PB168539BS	PB168539BS	1	1728	Cu,Fe,Pb
CCV04	CCV04	1	1732	Cu,Fe,Pb
CCB04	CCB04	1	1736	Cu,Fe,Pb
PB168539BL	PB168539BL	1	1741	Cu,Fe,Pb
CCV05	CCV05	1	1825	Cu,Fe,Pb
CCB05	CCB05	1	1829	Cu,Fe,Pb
CCV06	CCV06	1	1919	Cu,Fe,Pb
CCB06	CCB06	1	1923	Cu,Fe,Pb
CCV07	CCV07	1	1953	Cu,Fe,Pb
CCB07	CCB07	1	1958	Cu,Fe,Pb

METAL
RAW DATA

Reviewed By:
On:
Inst Id :P5
LB :LB136210



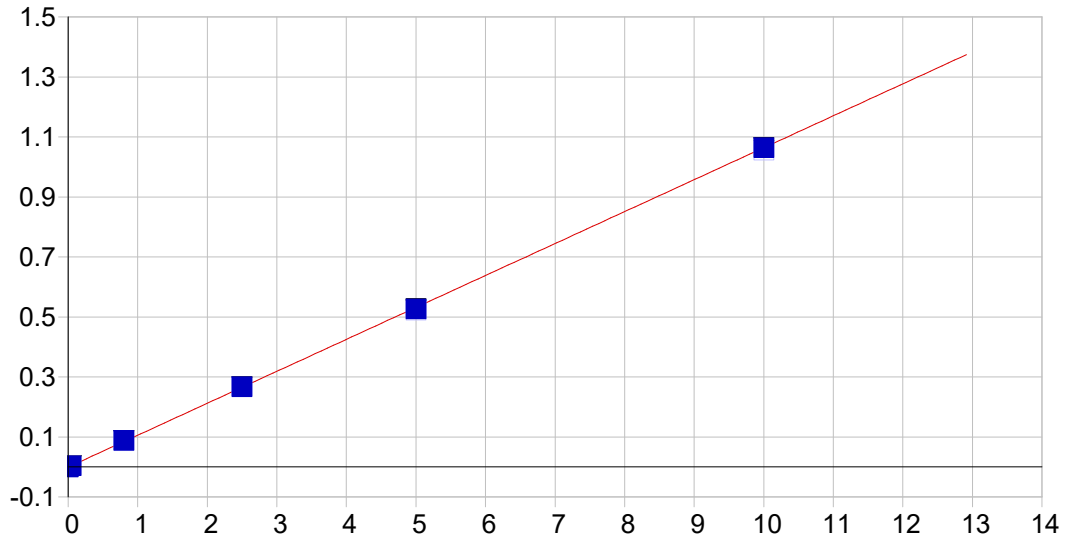
As 189.042 {479}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000154	Re-Slope:	1.000000
A1 (Gain):	0.054834	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999496	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.002753		
Predicted MQL:	0.009175		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00015	.000	1
S1	.02000	.01642	-.004	-17.9	.00074	.000	1
S2	.80000	.76325	-.037	-4.59	.04169	.000	1
S3	2.5000	2.3978	-.102	-4.09	.13131	.000	1
S4	5.0000	4.8593	-.141	-2.81	.26626	.000	1
S5	10.000	10.283	.283	2.83	.56362	.001	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



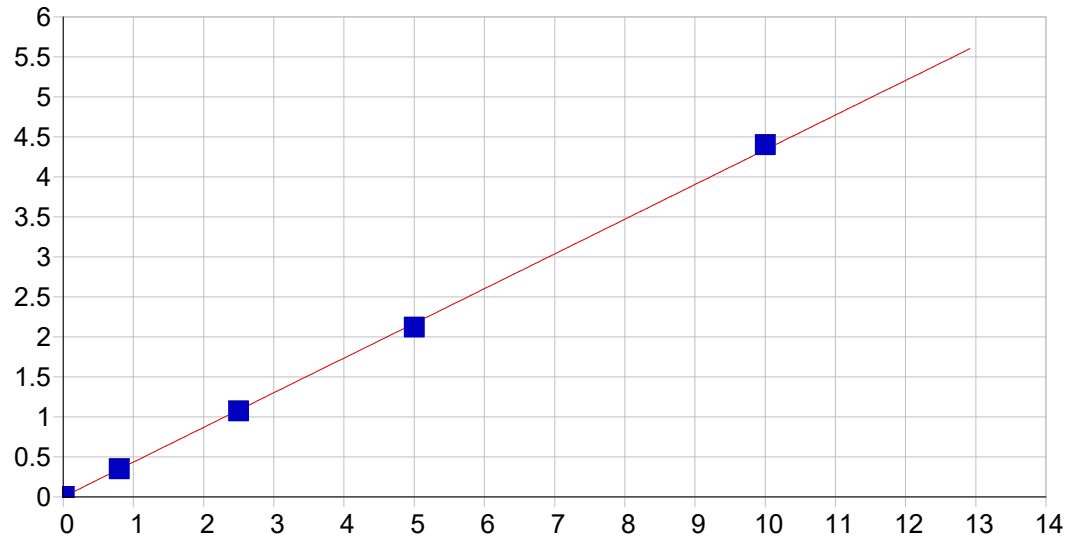
Tl 190.856 {477}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000770	Re-Slope:	1.000000
A1 (Gain):	0.106470	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.002192		
Predicted MQL:	0.007306		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.04000	.03826	-.002	-4.35	.00320	.000	1
S2	.80000	.83228	.032	4.03	.08718	.000	1
S3	2.5000	2.5192	.019	.769	.26537	.001	1
S4	5.0000	4.9519	-.048	-.962	.52230	.001	1
S5	10.000	9.9983	-.002	-.017	1.0554	.000	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



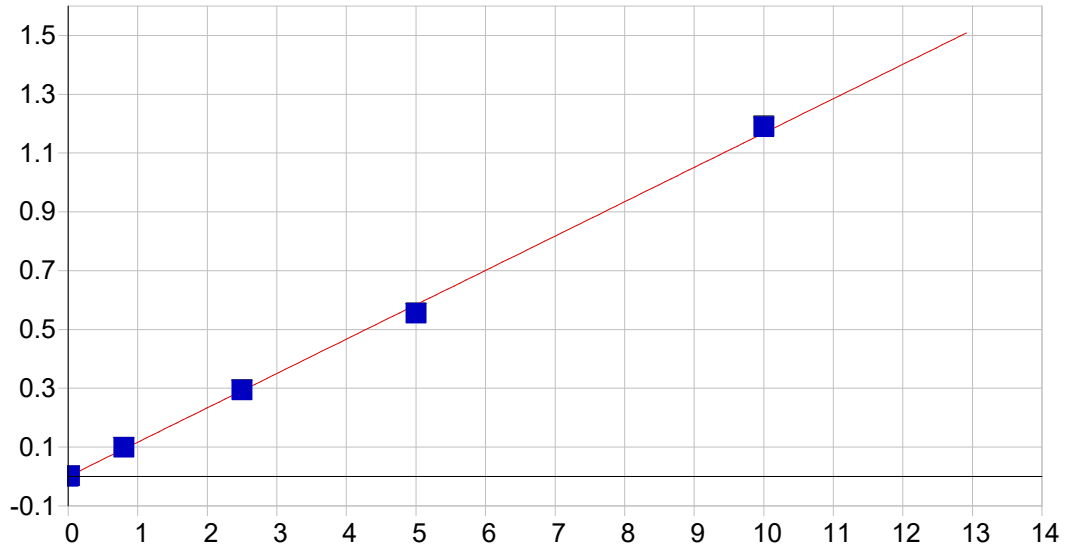
Pb 220.353 {453}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000416	Re-Slope:	1.000000
A1 (Gain):	0.433840	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000134		
Predicted MDL:	0.001262		
Predicted MQL:	0.004207		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.01200	.01055	-.001	-12.0	.00489	.000	1
S2	.80000	.80561	.006	.702	.34961	.001	1
S3	2.5000	2.4687	-.031	-1.25	1.0705	.001	1
S4	5.0000	4.8847	-.115	-2.31	2.1177	.001	1
S5	10.000	10.142	.142	1.42	4.3967	.005	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



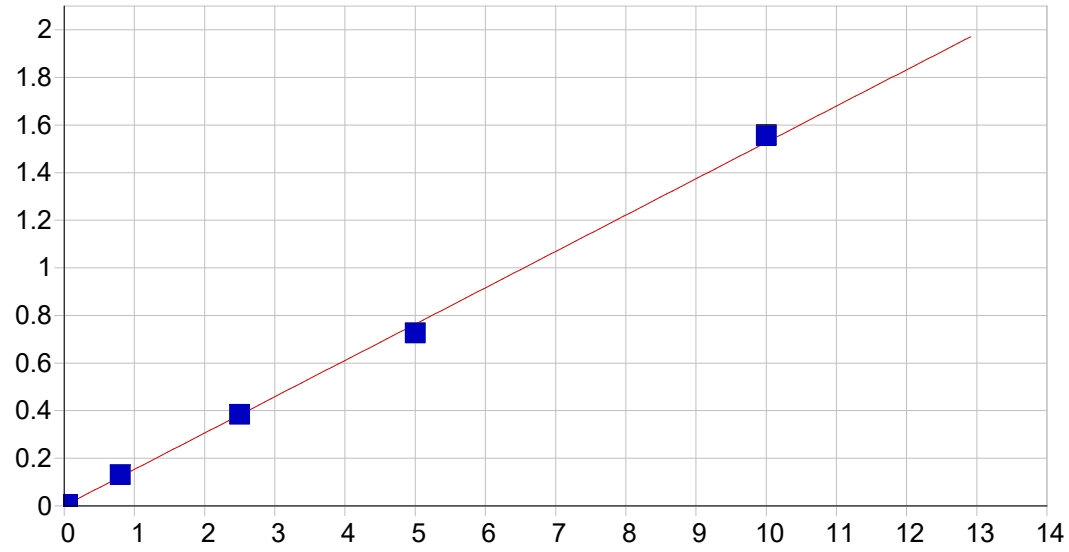
Se 196.090 {472}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000057	Re-Slope:	1.000000
A1 (Gain):	0.116813	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999497	Status:	OK.
Std Error of Est:	0.000087		
Predicted MDL:	0.002989		
Predicted MQL:	0.009963		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.001	1
S1	.02000	.02078	.001	3.88	.00237	.000	1
S2	.80000	.84519	.045	5.65	.09864	.000	1
S3	2.5000	2.5205	.021	.821	.29426	.000	1
S4	5.0000	4.7514	-.249	-4.97	.55474	.001	1
S5	10.000	10.182	.182	1.82	1.1889	.003	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



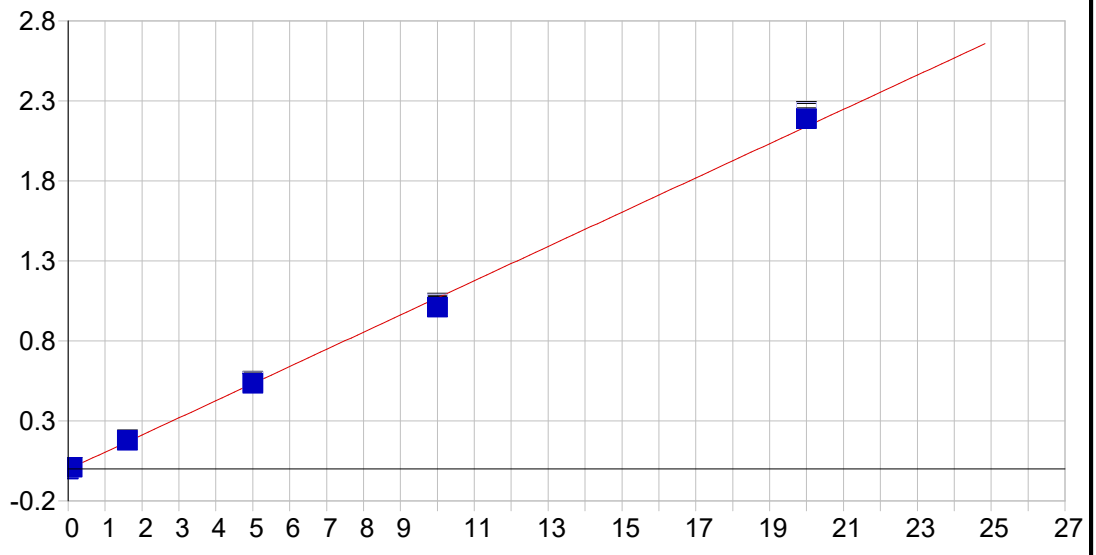
Sb 206.833 {463}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000618	Re-Slope:	1.000000
A1 (Gain):	0.152630	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999481	Status:	OK.
Std Error of Est:	0.000182		
Predicted MDL:	0.002608		
Predicted MQL:	0.008693		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00062	.000	1
S1	.05000	.04963	-.000	-.737	.00811	.000	1
S2	.80000	.84805	.048	6.01	.12987	.000	1
S3	2.5000	2.5118	.012	.473	.38342	.001	1
S4	5.0000	4.7504	-.250	-4.99	.72452	.001	1
S5	10.000	10.190	.190	1.90	1.5536	.003	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



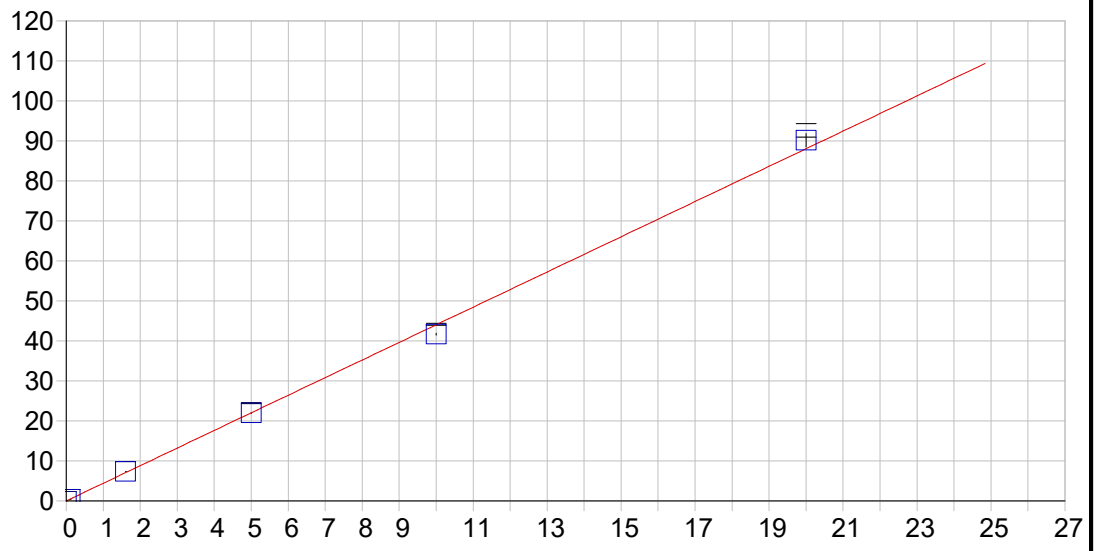
Al 396.152 { 85}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002329	Re-Slope:	1.000000
A1 (Gain):	0.107113	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999381	Status:	OK.
Std Error of Est:	0.000285		
Predicted MDL:	0.021959		
Predicted MQL:	0.073197		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00233	.002	1
S1	.10000	.11672	.017	16.7	.01097	.002	1
S2	1.6000	1.6757	.076	4.73	.18036	.001	1
S3	5.0000	5.0127	.013	.255	.54457	.003	1
S4	10.000	9.4457	-.554	-5.54	1.0294	.006	1
S5	20.000	20.448	.448	2.24	2.2278	.006	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



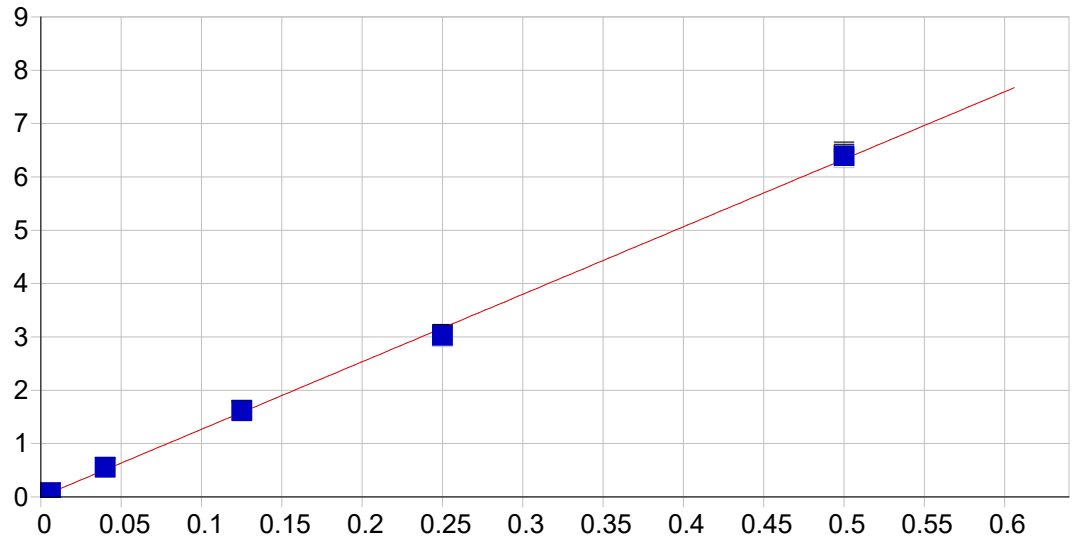
Ba 493.409 { 68}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008094	Re-Slope:	1.000000
A1 (Gain):	4.401926	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999401	Status:	OK.
Std Error of Est:	0.011302		
Predicted MDL:	0.000904		
Predicted MQL:	0.003012		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00811	.004	1
S1	.10000	.09586	-.004	-4.14	.43007	.004	1
S2	1.6000	1.6684	.068	4.28	7.3523	.020	1
S3	5.0000	4.9875	-.013	-.250	21.963	.092	1
S4	10.000	9.4613	-.539	-5.39	41.656	.250	1
S5	20.000	20.487	.487	2.43	90.190	1.68	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



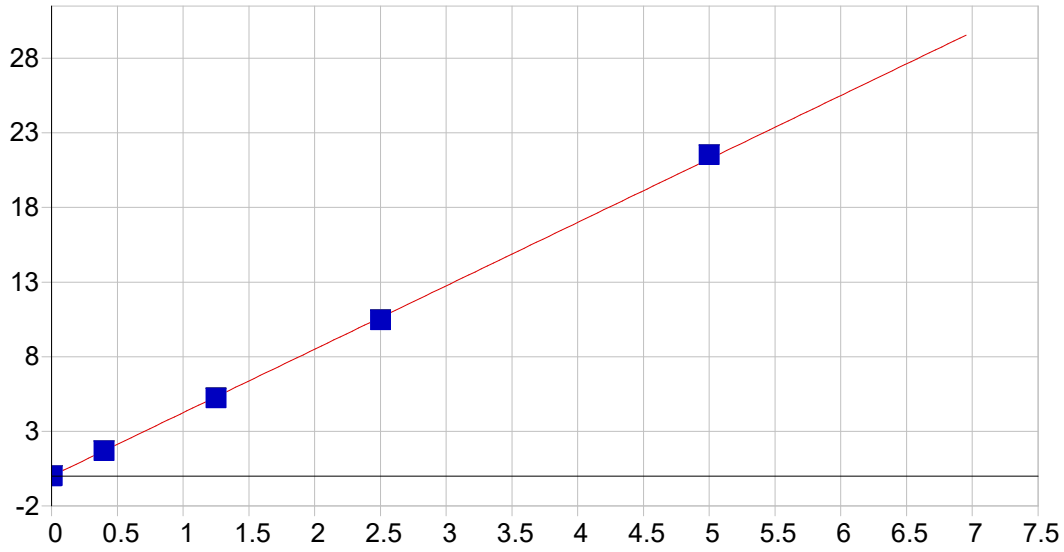
Be 234.861 {144}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001822	Re-Slope:	1.000000
A1 (Gain):	12.658965	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999477	Status:	OK.
Std Error of Est:	0.001170		
Predicted MDL:	0.000120		
Predicted MQL:	0.000398		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00181	.001	1
S1	.00600	.00617	.000	2.86	.07914	.001	1
S2	.04000	.04358	.004	8.94	.55009	.005	1
S3	.12500	.12736	.002	1.89	1.6035	.013	1
S4	.25000	.23855	-.011	-4.58	3.0006	.028	1
S5	.50000	.50534	.005	1.07	6.3567	.071	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



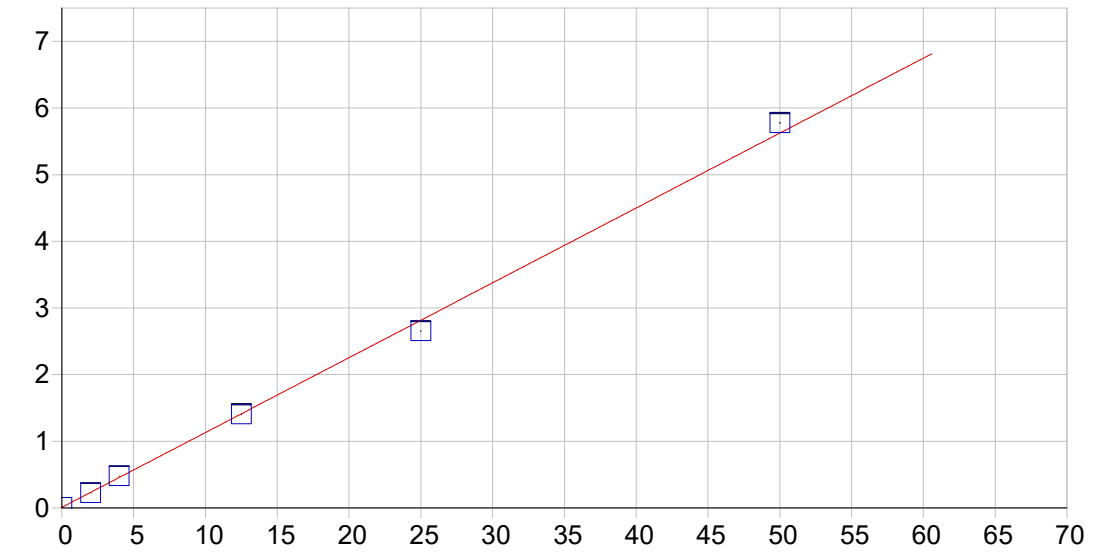
Cd 214.438 {457}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000040	Re-Slope:	1.000000
A1 (Gain):	4.250492	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000550		
Predicted MDL:	0.000074		
Predicted MQL:	0.000248		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.00600	.00550	-.000	-8.28	.02337	.000	1
S2	.40000	.39602	-.004	-.996	1.6834	.002	1
S3	1.2500	1.2297	-.020	-1.62	5.2273	.002	1
S4	2.5000	2.4605	-.039	-1.58	10.459	.015	1
S5	5.0000	5.0643	.064	1.29	21.527	.027	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



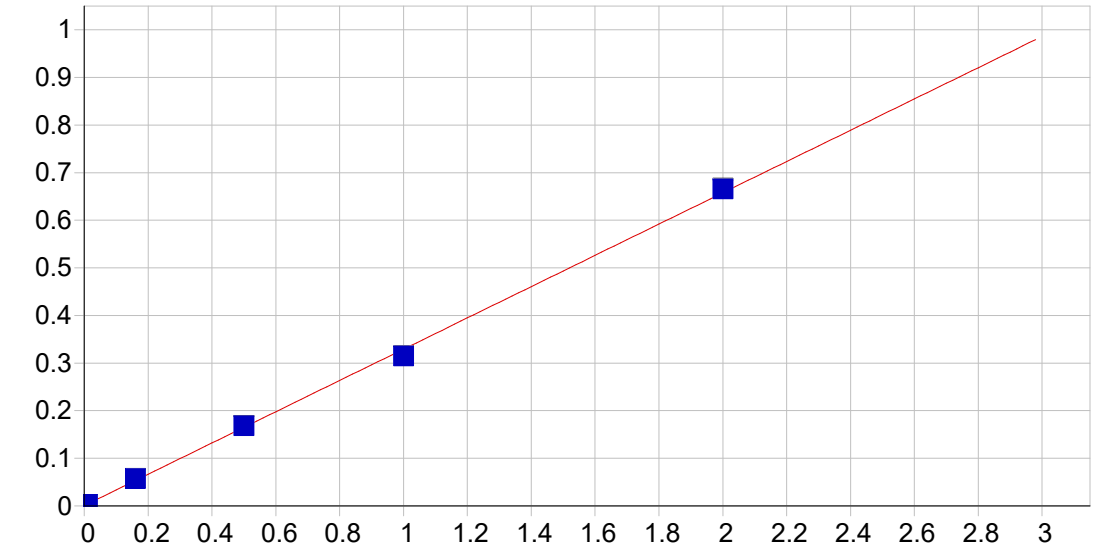
Ca 373.690 { 90}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007353	Re-Slope:	1.000000
A1 (Gain):	0.112337	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999292	Status:	OK.
Std Error of Est:	0.002237		
Predicted MDL:	0.018664		
Predicted MQL:	0.062213		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00736	.001	1
S1	2.0000	1.9343	-.066	-3.29	.22464	.002	1
S2	4.0000	4.2007	.201	5.02	.47925	.003	1
S3	12.500	12.444	-.056	-.452	1.4052	.009	1
S4	25.000	23.561	-1.44	-5.76	2.6541	.006	1
S5	50.000	51.361	1.36	2.72	5.7771	.009	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



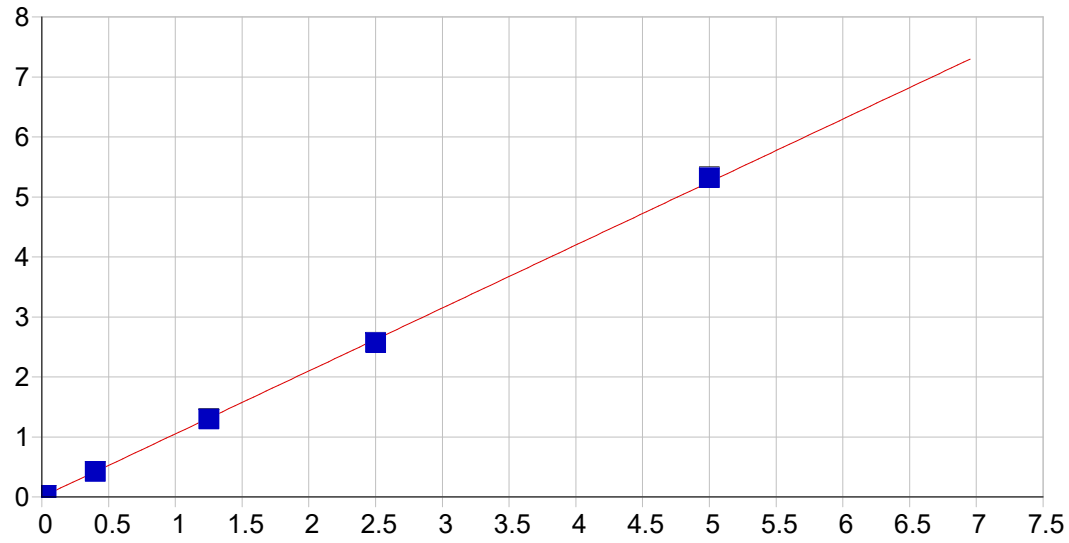
Cr 267.716 {126}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000696	Re-Slope:	1.000000
A1 (Gain):	0.328534	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999554	Status:	OK.
Std Error of Est:	0.000073		
Predicted MDL:	0.000806		
Predicted MQL:	0.002688		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.01000	.00962	-.000	-3.85	.00386	.000	1
S2	.16000	.17188	.012	7.43	.05721	.000	1
S3	.50000	.50955	.010	1.91	.16825	.000	1
S4	1.0000	.95601	-.044	-4.40	.31507	.001	1
S5	2.0000	2.0229	.023	1.15	.66589	.002	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



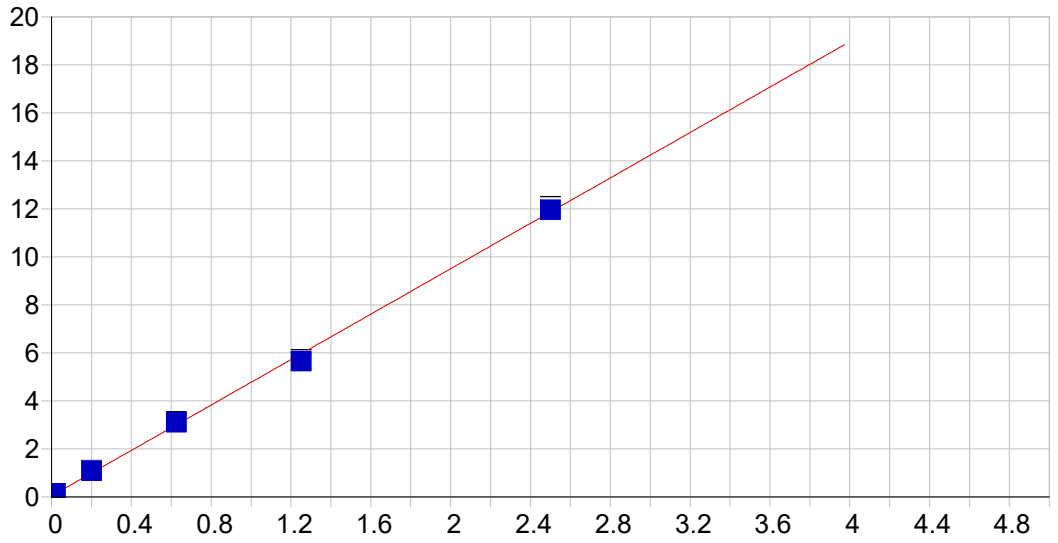
Co 228.616 {448}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000152	Re-Slope:	1.000000
A1 (Gain):	1.049509	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000332		
Predicted MDL:	0.000315		
Predicted MQL:	0.001049		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.03000	.02873	-.001	-4.22	.03013	.000	1
S2	.40000	.40184	.002	.459	.42240	.001	1
S3	1.2500	1.2337	-.016	-1.30	1.2966	.002	1
S4	2.5000	2.4487	-.051	-2.05	2.5733	.002	1
S5	5.0000	5.0670	.067	1.34	5.3244	.008	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



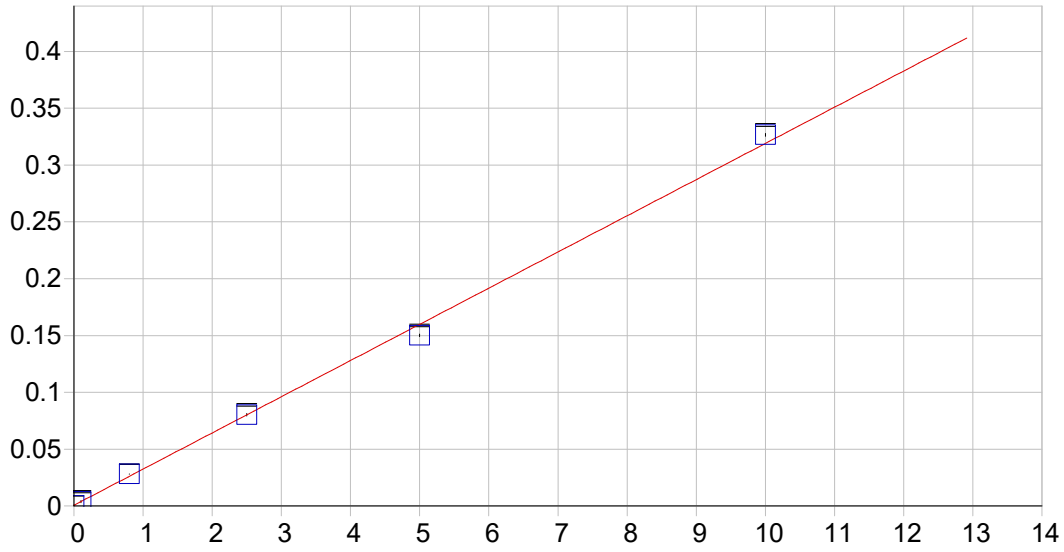
Cu 324.754 {104}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.046988	Re-Slope:	1.000000
A1 (Gain):	4.730255	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999272	Status:	OK.
Std Error of Est:	0.002121		
Predicted MDL:	0.000705		
Predicted MQL:	0.002350		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.04698	.001	1
S1	.02000	.02041	.000	2.05	.14358	.002	1
S2	.20000	.22253	.023	11.3	1.1001	.012	1
S3	.62500	.64725	.022	3.56	3.1101	.030	1
S4	1.2500	1.1864	-.064	-5.09	5.6620	.062	1
S5	2.5000	2.5184	.018	.735	11.965	.138	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



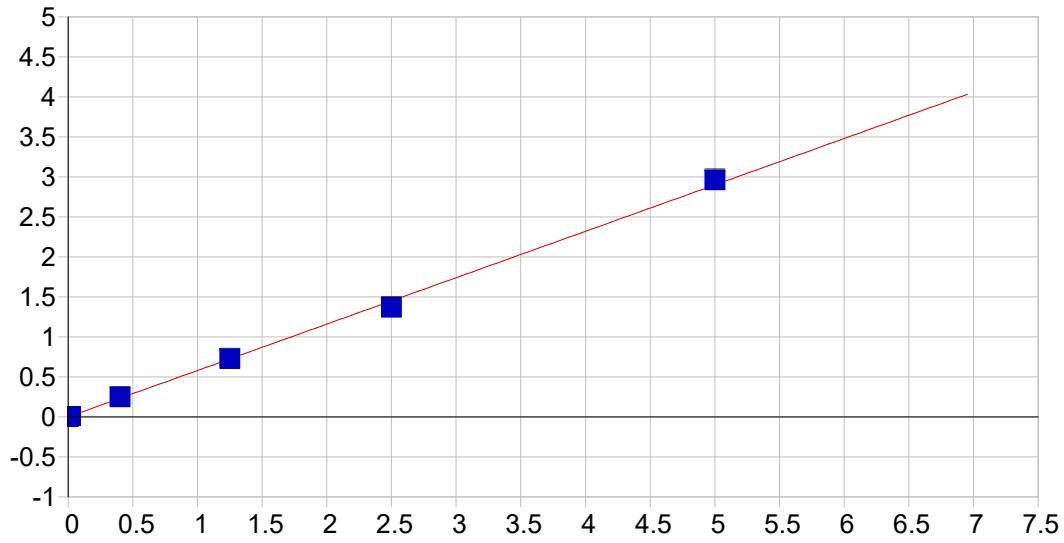
Fe 259.837 {130}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000544	Re-Slope:	1.000000
A1 (Gain):	0.031856	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999203	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.020060		
Predicted MQL:	0.066865		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00054	.000	1
S1	.10000	.10356	.004	3.56	.00384	.001	1
S2	.80000	.86351	.064	7.94	.02805	.000	1
S3	2.5000	2.5020	.002	.079	.08025	.001	1
S4	5.0000	4.6949	-.305	-6.10	.15011	.001	1
S5	10.000	10.236	.236	2.36	.32662	.001	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



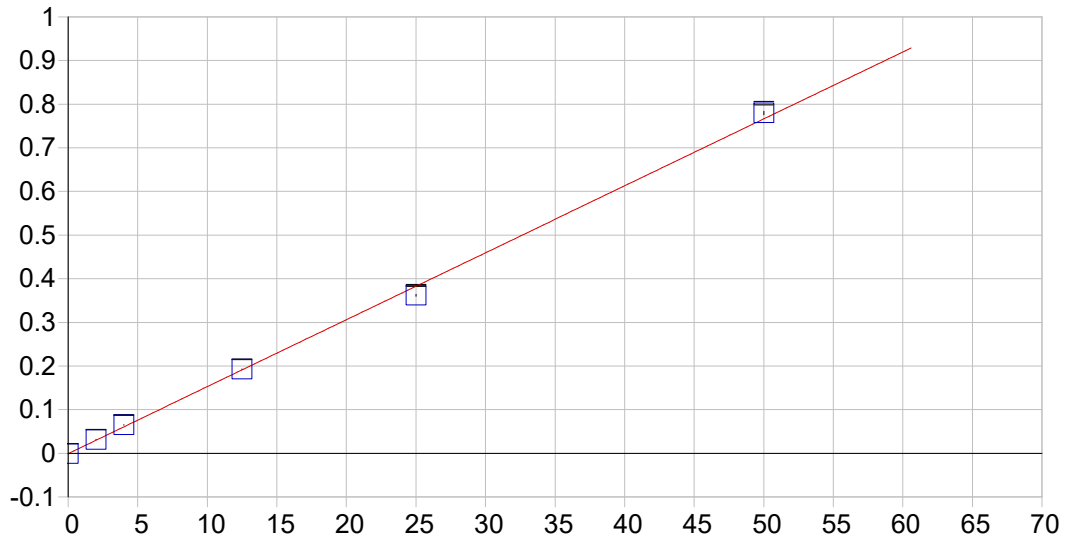
Mn 257.610 {131}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000443	Re-Slope:	1.000000
A1 (Gain):	0.579893	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999358	Status:	OK.
Std Error of Est:	0.000345		
Predicted MDL:	0.001093		
Predicted MQL:	0.003643		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.001	1
S1	.02000	.02032	.000	1.62	.01225	.001	1
S2	.40000	.42735	.027	6.84	.24847	.001	1
S3	1.2500	1.2549	.005	.395	.72882	.004	1
S4	2.5000	2.3615	-.139	-5.54	1.3712	.005	1
S5	5.0000	5.1059	.106	2.12	2.9639	.009	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



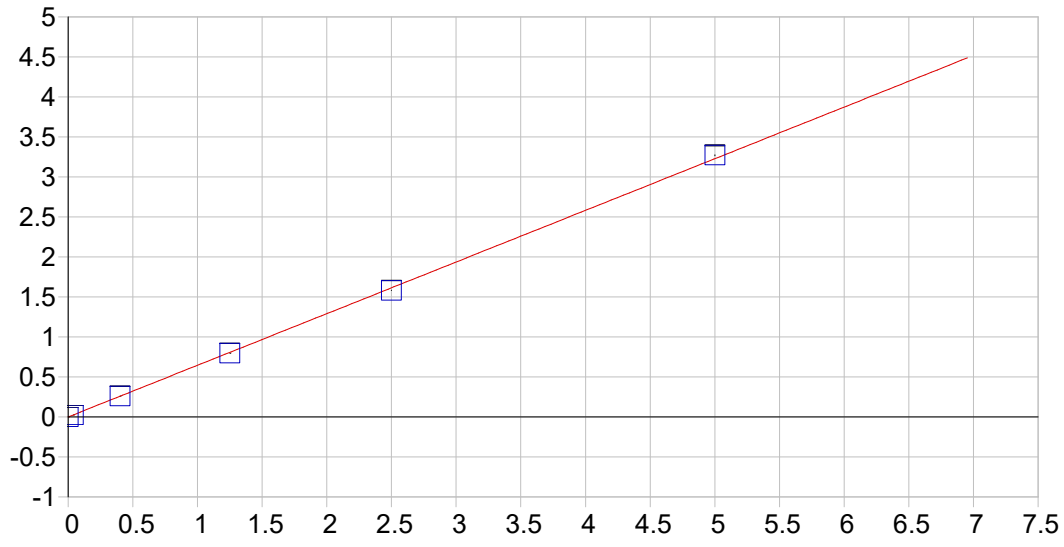
Mg 279.079 {121}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000730	Re-Slope:	1.000000
A1 (Gain):	0.015341	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999405	Status:	OK.
Std Error of Est:	0.000280		
Predicted MDL:	0.051784		
Predicted MQL:	0.172614		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	-.00073	.001	1
S1	2.0000	2.0962	.096	4.81	.03143	.000	1
S2	4.0000	4.2655	.266	6.64	.06471	.001	1
S3	12.500	12.614	.114	.915	.19279	.001	1
S4	25.000	23.652	-1.35	-5.39	.36211	.002	1
S5	50.000	50.872	.872	1.74	.77971	.004	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



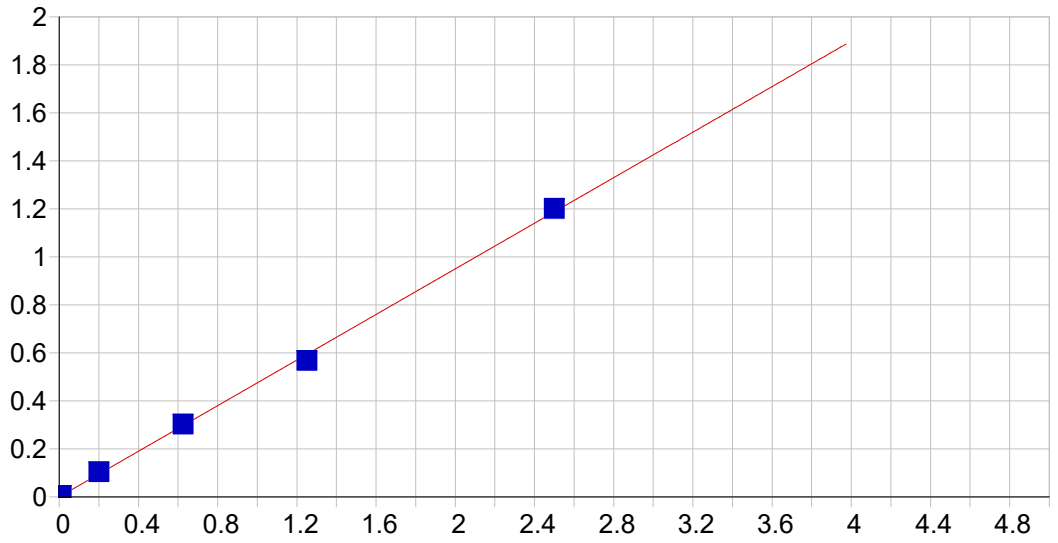
Ni 231.604 {446}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000179	Re-Slope:	1.000000
A1 (Gain):	0.645499	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999876	Status:	OK.
Std Error of Est:	0.000239		
Predicted MDL:	0.000539		
Predicted MQL:	0.001796		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.04000	.03758	-.002	-6.06	.02408	.000	1
S2	.40000	.40301	.003	.751	.25996	.000	1
S3	1.2500	1.2338	-.016	-1.30	.79622	.001	1
S4	2.5000	2.4493	-.051	-2.03	1.5809	.002	1
S5	5.0000	5.0663	.066	1.33	3.2701	.005	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



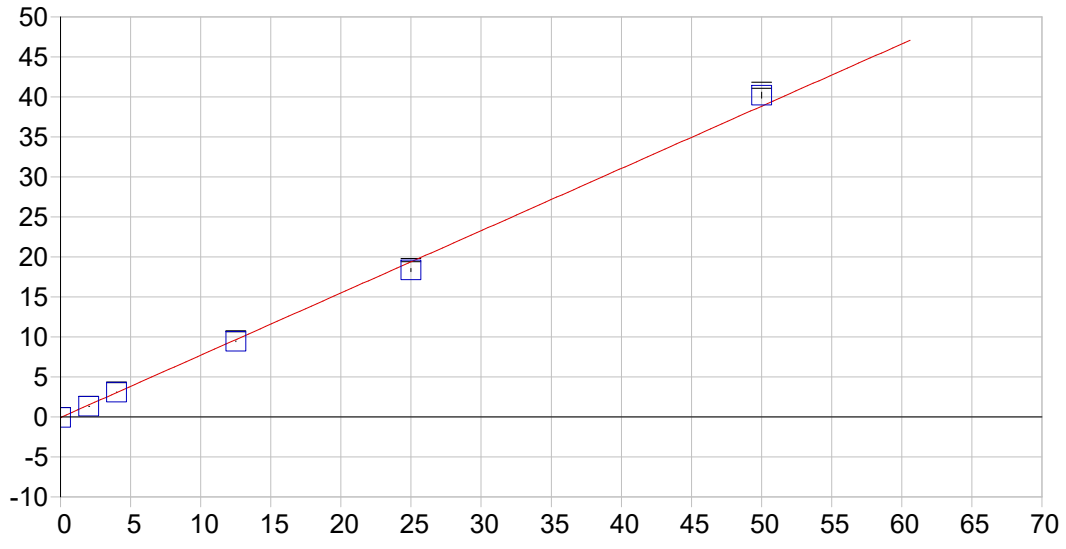
Ag 328.068 {103}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000606	Re-Slope:	1.000000
A1 (Gain):	0.474803	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999497	Status:	OK.
Std Error of Est:	0.000125		
Predicted MDL:	0.000754		
Predicted MQL:	0.002514		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.01000	.00876	-.001	-12.4	.00474	.000	1
S2	.20000	.21689	.017	8.44	.10339	.000	1
S3	.62500	.63653	.012	1.84	.30221	.000	1
S4	1.2500	1.1943	-.056	-4.46	.56642	.001	1
S5	2.5000	2.5285	.029	1.14	1.1987	.002	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



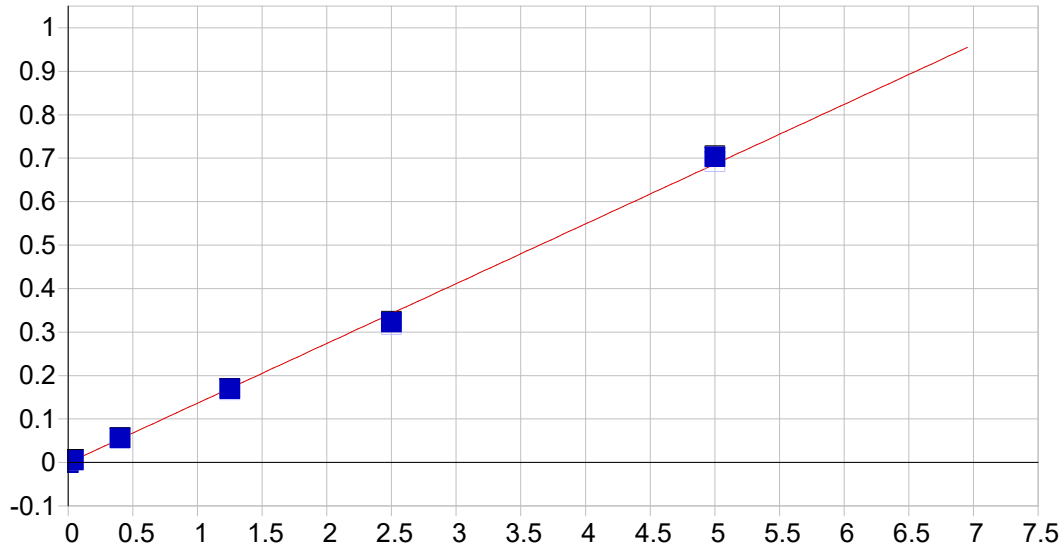
Na 818.326 { 41}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.072339	Re-Slope:	1.000000
A1 (Gain):	0.778214	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999125	Status:	OK.
Std Error of Est:	0.017233		
Predicted MDL:	0.013356		
Predicted MQL:	0.044520		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	-.07212	.016	1
S1	2.0000	1.7768	-.223	-11.2	1.3104	.008	1
S2	4.0000	4.0482	.048	1.21	3.0780	.024	1
S3	12.500	12.238	-.262	-2.09	9.4516	.072	1
S4	25.000	23.673	-1.33	-5.31	18.350	.193	1
S5	50.000	51.764	1.76	3.53	40.211	.389	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



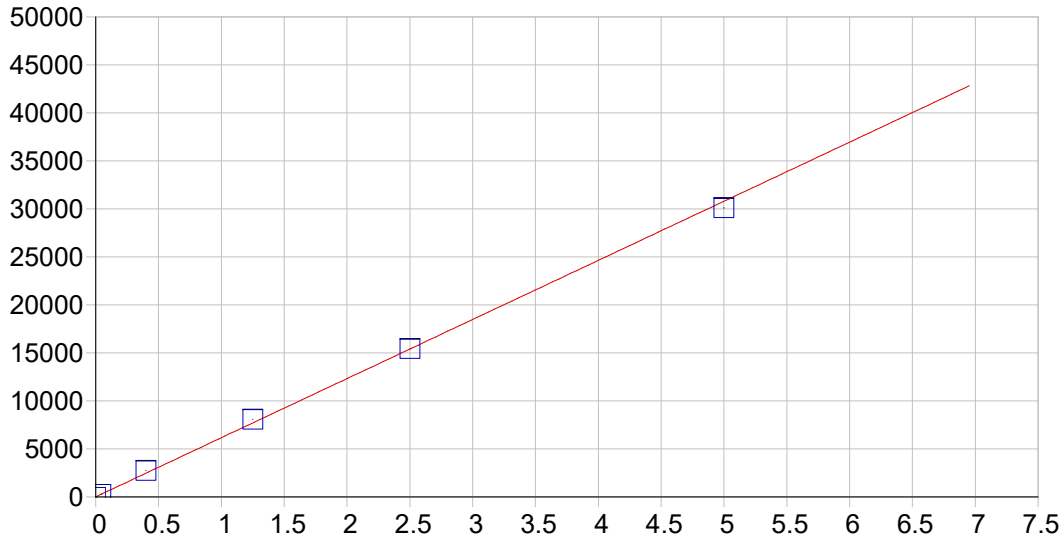
V 292.402 {115}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001065	Re-Slope:	1.000000
A1 (Gain):	0.137465	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999202	Status:	OK.
Std Error of Est:	0.000127		
Predicted MDL:	0.006854		
Predicted MQL:	0.022846		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00107	.001	1
S1	.04000	.04871	.009	21.8	.00540	.001	1
S2	.40000	.41816	.018	4.54	.05544	.001	1
S3	1.2500	1.2426	-.007	-.594	.16668	.001	1
S4	2.5000	2.3561	-.144	-5.76	.31668	.002	1
S5	5.0000	5.1247	.125	2.49	.69114	.002	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



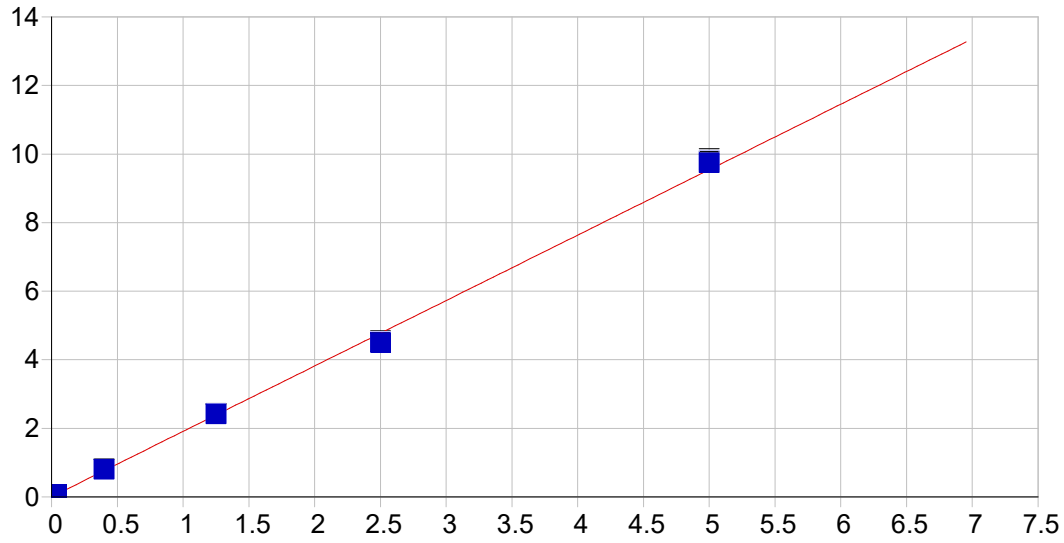
Zn 206.200 {464}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	11.012119	Re-Slope:	1.000000
A1 (Gain):	6157.472565	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999428	Status:	OK.
Std Error of Est:	4.890705		
Predicted MDL:	0.000212		
Predicted MQL:	0.000708		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	10.967	.757	1
S1	.04000	.04171	.002	4.27	267.83	.243	1
S2	.40000	.44467	.045	11.2	2749.1	3.43	1
S3	1.2500	1.3109	.061	4.87	8082.8	20.7	1
S4	2.5000	2.5043	.004	.172	15431.	13.2	1
S5	5.0000	4.8884	-.112	-2.23	30111.	33.6	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



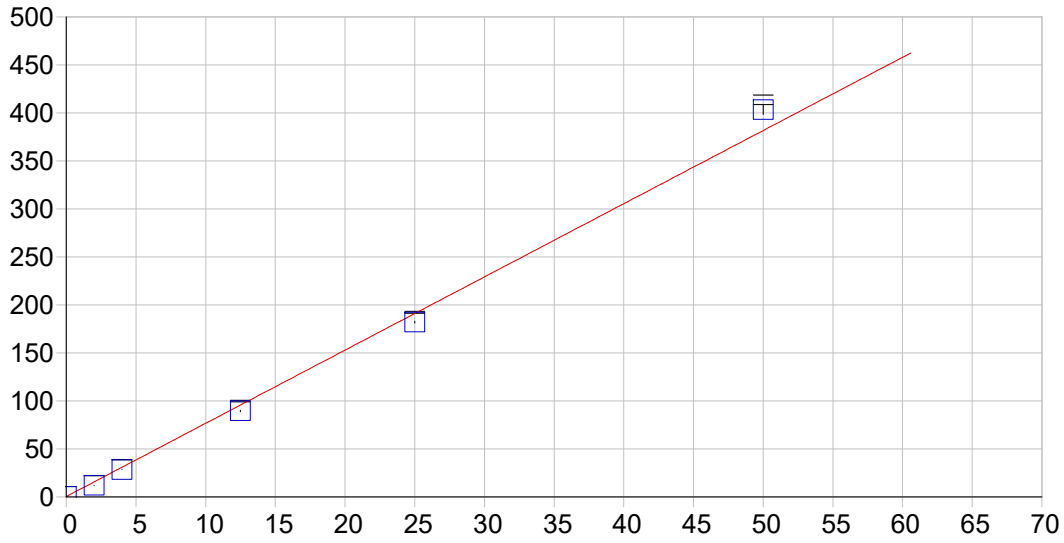
Zn 213.856 {158}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002749	Re-Slope:	1.000000
A1 (Gain):	1.908302	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999371	Status:	OK.
Std Error of Est:	0.001601		
Predicted MDL:	0.000422		
Predicted MQL:	0.001408		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00275	.001	1
S1	.04000	.03878	-.001	-3.05	.07731	.002	1
S2	.40000	.42138	.021	5.35	.81244	.002	1
S3	1.2500	1.2661	.016	1.29	2.4362	.002	1
S4	2.5000	2.3576	-.142	-5.70	4.5365	.014	1
S5	5.0000	5.1061	.106	2.12	9.8162	.046	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



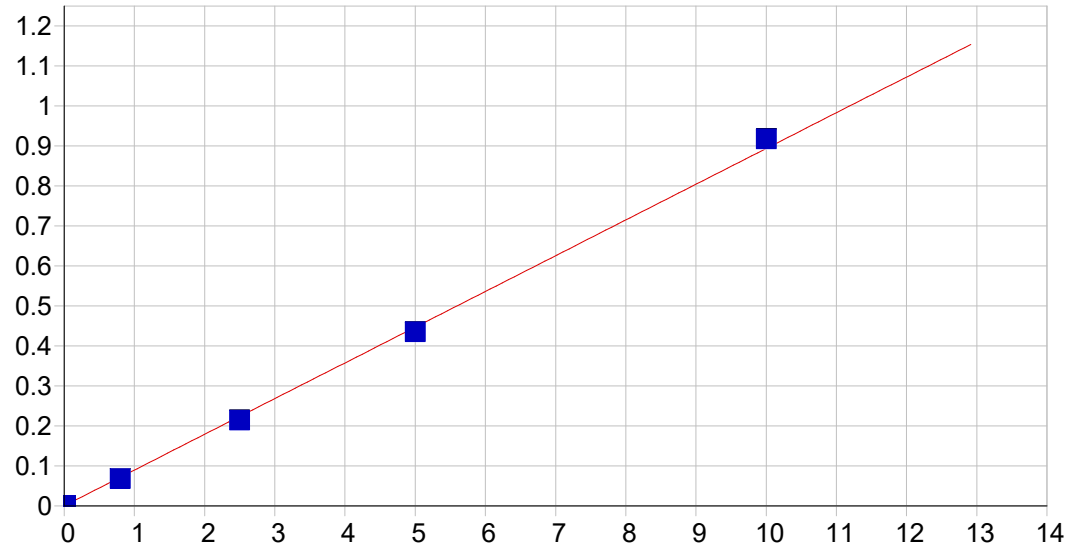
K 769.896 { 44}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.417614	Re-Slope:	1.000000
A1 (Gain):	7.625220	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997747	Status:	OK.
Std Error of Est:	0.271221		
Predicted MDL:	0.001210		
Predicted MQL:	0.004032		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00078	.001	.000	.42356	.006	1
S1	2.0000	1.4986	-.501	-25.1	11.845	.012	1
S2	4.0000	3.6654	-.335	-8.37	28.367	.198	1
S3	12.500	11.698	-.802	-6.42	89.618	.788	1
S4	25.000	23.808	-1.19	-4.77	181.96	1.07	1
S5	50.000	52.830	2.83	5.66	403.26	5.05	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



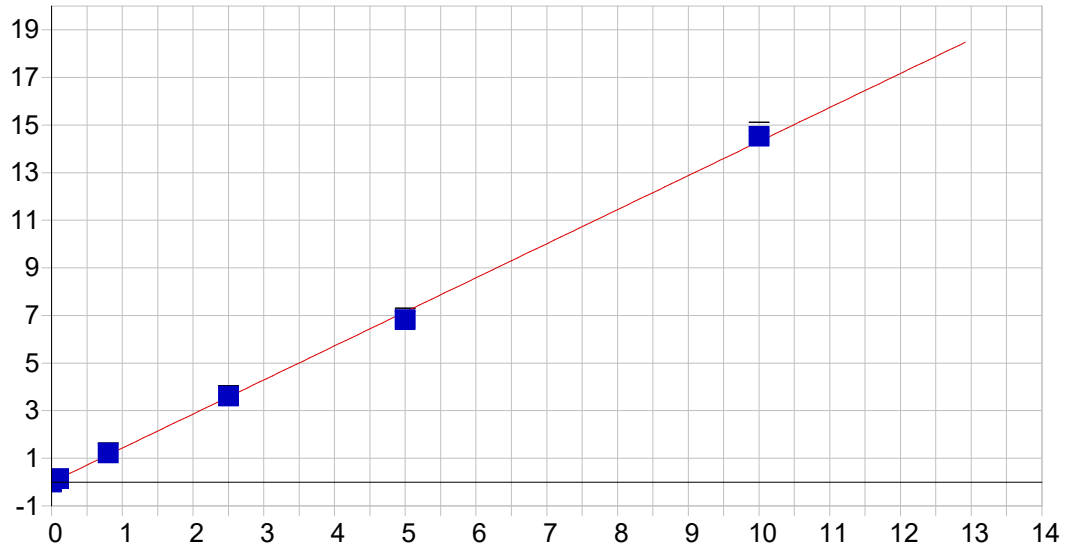
P 177.495 {490}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000281	Re-Slope:	1.000000
A1 (Gain):	0.089347	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999521	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.001905		
Predicted MQL:	0.006350		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.02000	.01730	-.003	-13.5	.00181	.000	1
S2	.80000	.75971	-.040	-5.04	.06799	.000	1
S3	2.5000	2.3974	-.103	-4.10	.21397	.000	1
S4	5.0000	4.8710	-.129	-2.58	.43446	.000	1
S5	10.000	10.275	.275	2.75	.91622	.001	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



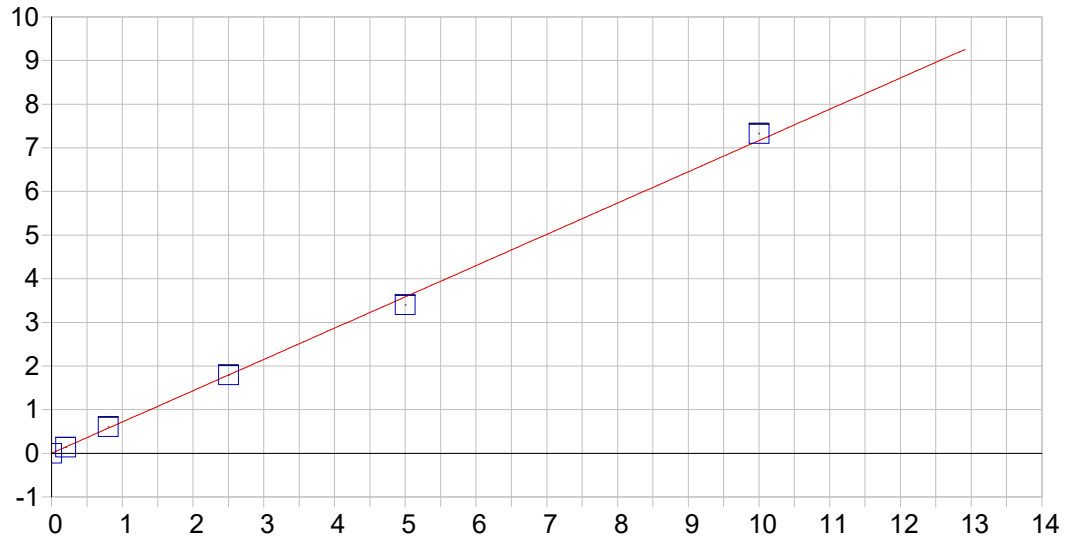
B 249.678 {135}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001190	Re-Slope:	1.000000
A1 (Gain):	1.430820	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999544	Status:	OK.
Std Error of Est:	0.002269		
Predicted MDL:	0.001305		
Predicted MQL:	0.004349		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00119	.001	1
S1	.10000	.09937	-.001	-.629	.14083	.001	1
S2	.80000	.85249	.052	6.56	1.2177	.009	1
S3	2.5000	2.5217	.022	.868	3.6042	.030	1
S4	5.0000	4.7690	-.231	-4.62	6.8170	.072	1
S5	10.000	10.157	.157	1.57	14.521	.175	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



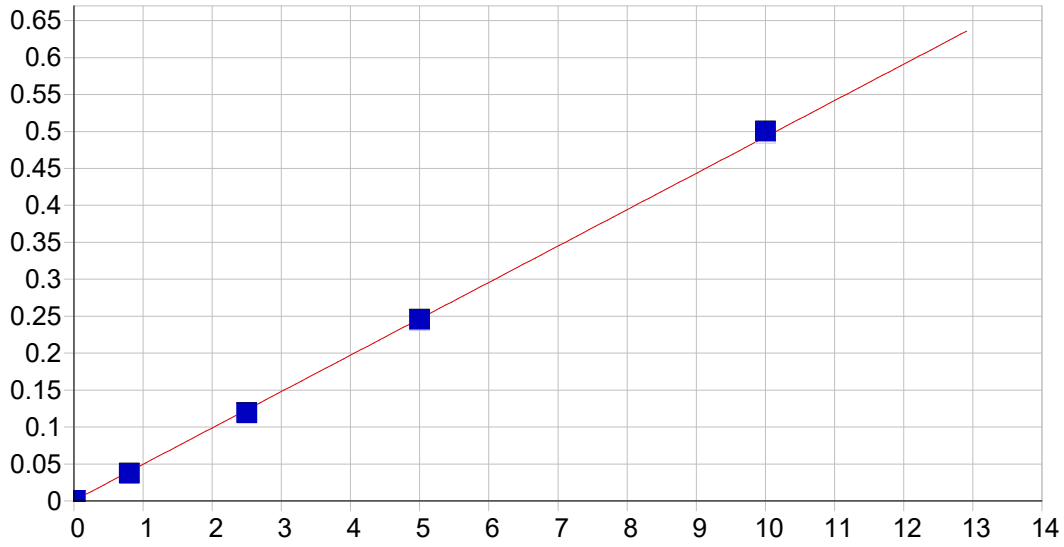
Mo 202.030 {467}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000323	Re-Slope:	1.000000
A1 (Gain):	0.716704	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999443	Status:	OK.
Std Error of Est:	0.001781		
Predicted MDL:	0.000465		
Predicted MQL:	0.001550		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.20000	.19393	-.006	-3.03	.13931	.000	1
S2	.80000	.84302	.043	5.38	.60452	.001	1
S3	2.5000	2.4998	-.000	-.007	1.7920	.001	1
S4	5.0000	4.7426	-.257	-5.15	3.3993	.002	1
S5	10.000	10.221	.221	2.21	7.3255	.012	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



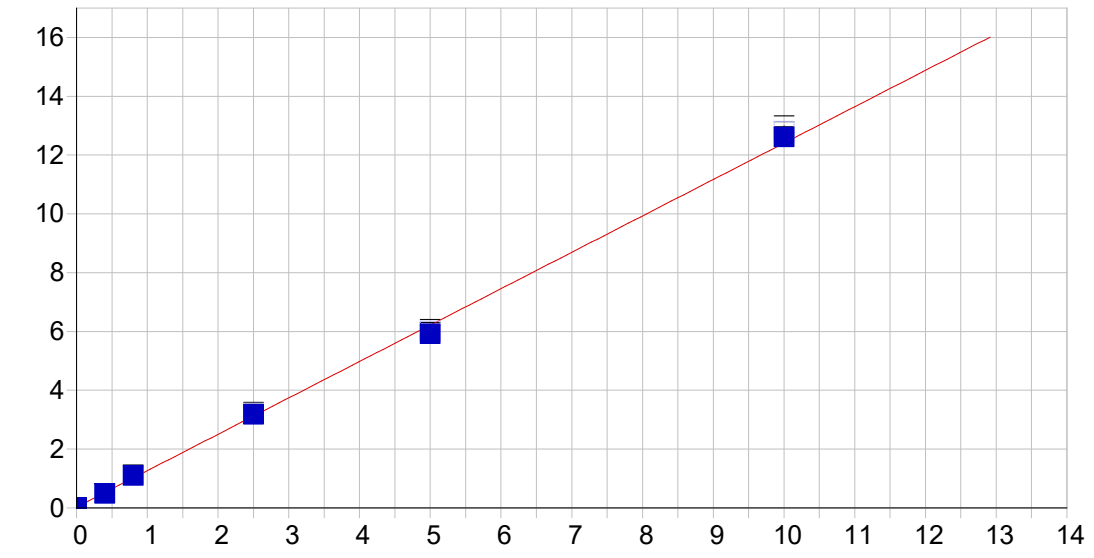
S 182.034 {485}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000360	Re-Slope:	1.000000
A1 (Gain):	0.049221	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999760	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.003287		
Predicted MQL:	0.010958		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.02000	.02053	.001	2.66	.00129	.000	1
S2	.80000	.75150	-.049	-6.06	.03709	.000	1
S3	2.5000	2.4114	-.089	-3.55	.11823	.000	1
S4	5.0000	4.9786	-.021	-.427	.24378	.000	1
S5	10.000	10.158	.158	1.58	.49707	.000	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



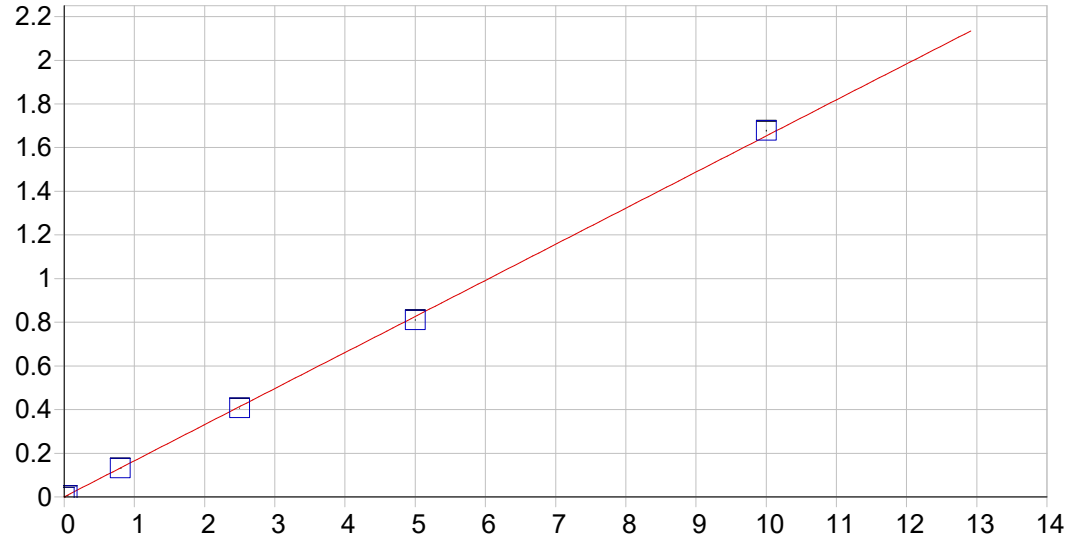
Si 251.611 {134}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.028057	Re-Slope:	1.000000
A1 (Gain):	1.237851	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999412	Status:	OK.
Std Error of Est:	0.004564		
Predicted MDL:	0.001368		
Predicted MQL:	0.004560		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02806	.002	1
S1	.40000	.36981	-.030	-7.55	.48871	.003	1
S2	.80000	.86523	.065	8.15	1.1151	.010	1
S3	2.5000	2.5416	.042	1.66	3.2242	.030	1
S4	5.0000	4.7582	-.242	-4.84	6.0181	.058	1
S5	10.000	10.165	.165	1.65	12.811	.184	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



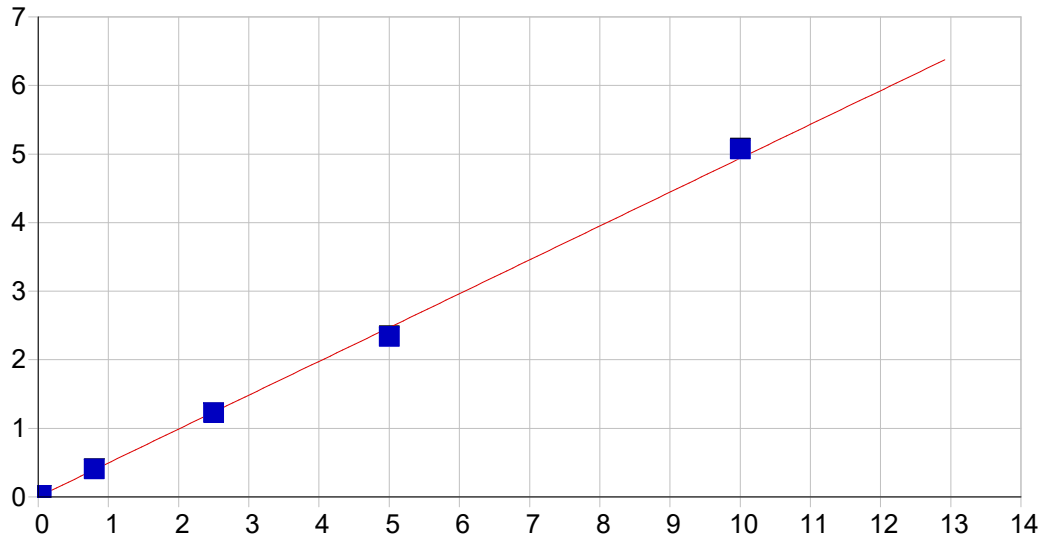
Sn 189.989 {478}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000305	Re-Slope:	1.000000
A1 (Gain):	0.165278	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.000938		
Predicted MQL:	0.003127		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00031	.000	1
S1	.04000	.03548	-.005	-11.3	.00617	.000	1
S2	.80000	.79310	-.007	-.862	.13139	.000	1
S3	2.5000	2.4592	-.041	-1.63	.40676	.000	1
S4	5.0000	4.9027	-.097	-1.95	.81061	.001	1
S5	10.000	10.150	.150	1.50	1.6778	.002	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



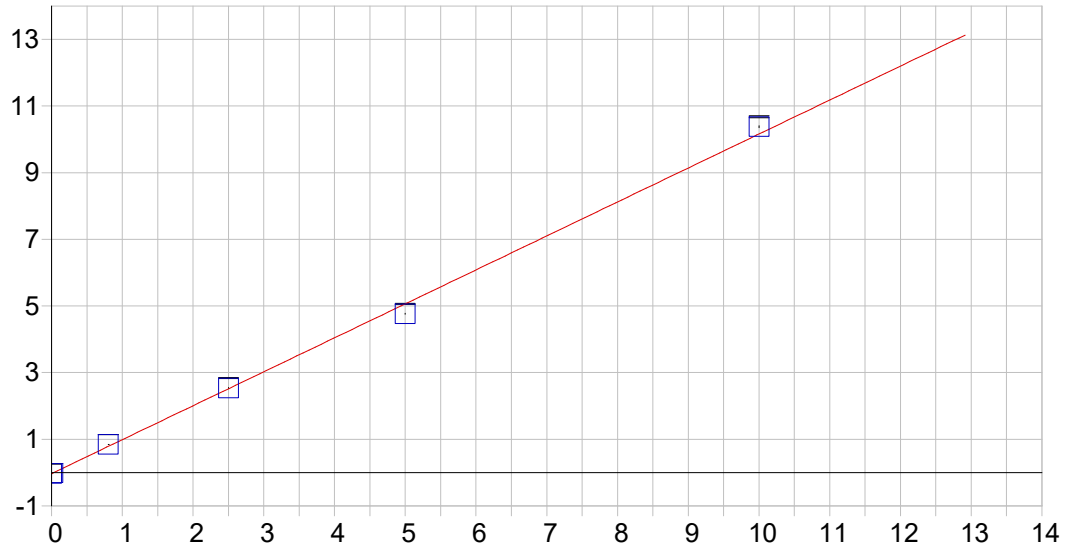
Ti 336.121 {100}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002122	Re-Slope:	1.000000
A1 (Gain):	0.493541	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999353	Status:	OK.
Std Error of Est:	0.000589		
Predicted MDL:	0.002837		
Predicted MQL:	0.009456		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00213	.001	1
S1	.04000	.03372	-.006	-15.7	.01875	.001	1
S2	.80000	.82265	.023	2.83	.40793	.003	1
S3	2.5000	2.4811	-.019	-.754	1.2261	.007	1
S4	5.0000	4.7302	-.270	-5.40	2.3355	.010	1
S5	10.000	10.272	.272	2.72	5.0694	.014	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210



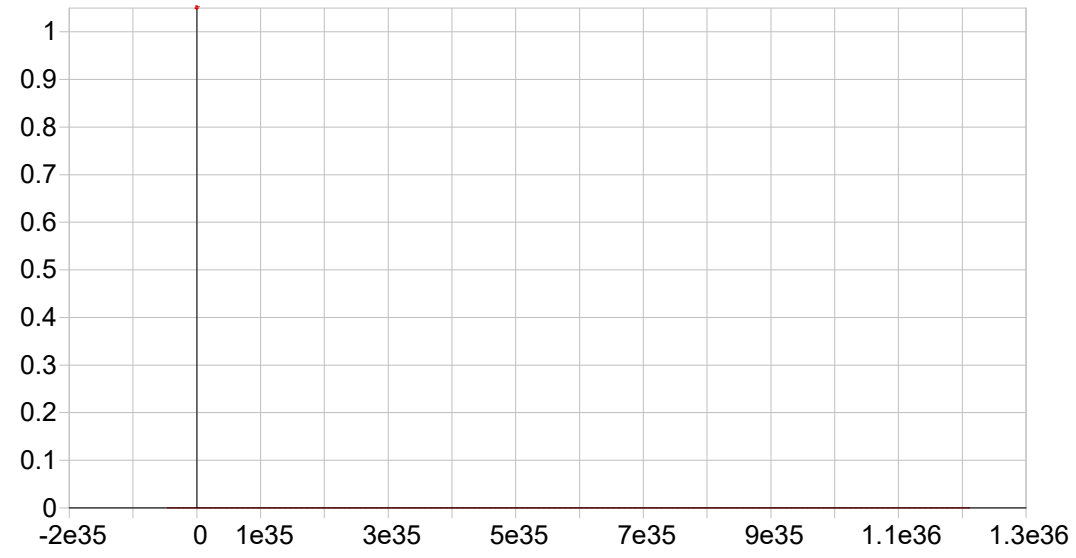
Li 670.784 { 50}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.032674	Re-Slope:	1.000000
A1 (Gain):	1.019281	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999284	Status:	OK.
Std Error of Est:	0.000904		
Predicted MDL:	0.005718		
Predicted MQL:	0.019061		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.03267	.005	1
S5	10.000	10.215	.215	2.15	10.379	.026	1
S4	5.0000	4.7083	-.292	-5.83	4.7664	.014	1
S3	2.5000	2.5204	.020	.814	2.5363	.014	1
S2	.80000	.85823	.058	7.28	.84210	.003	1
S1	.02000	.01795	-.002	-10.2	-.01437	.004	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210

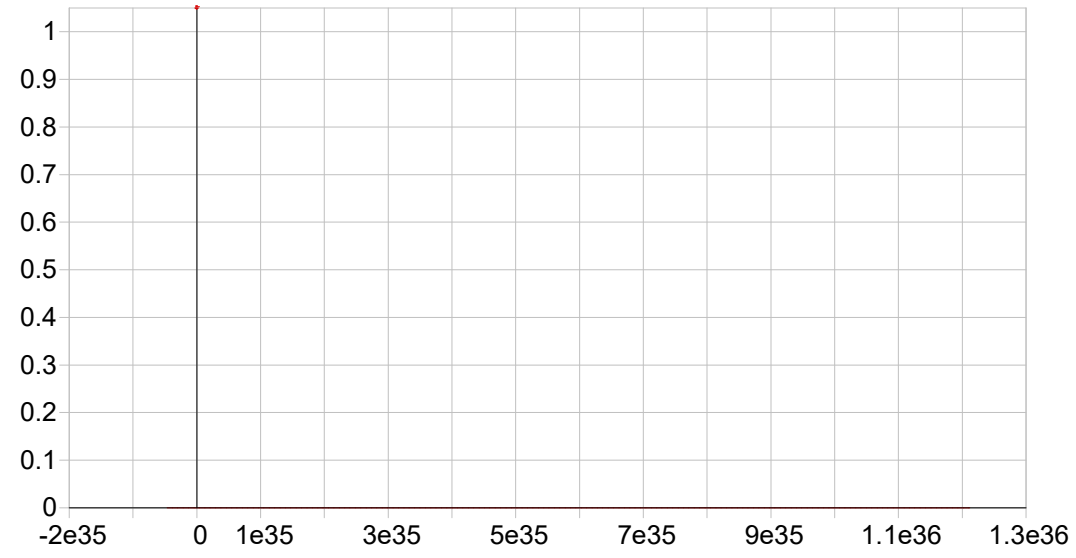


Y 224.306 {450}*

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



Y 360.073 { 94}*

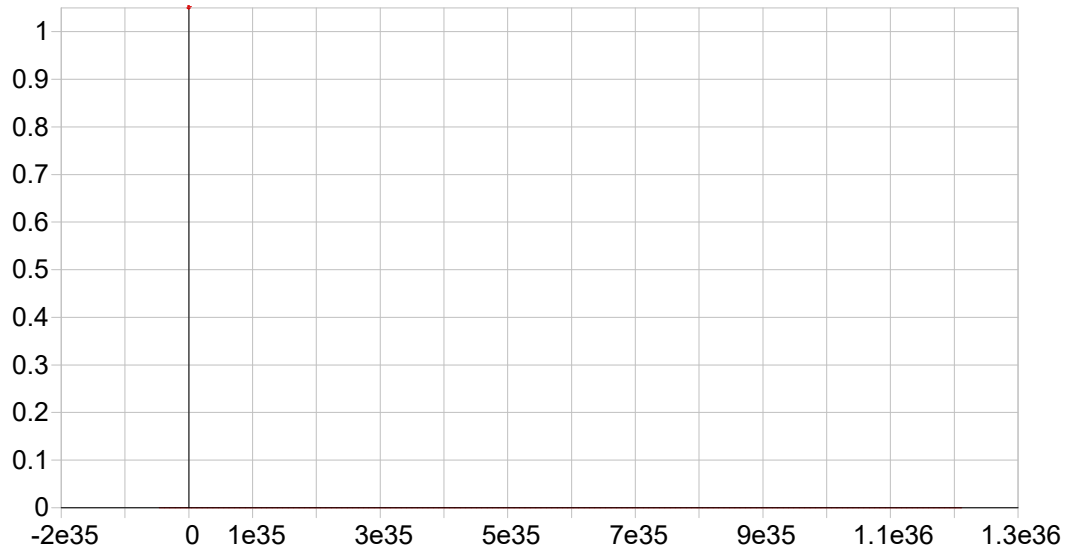
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:
On:
Inst Id :P5
LB :LB136210

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

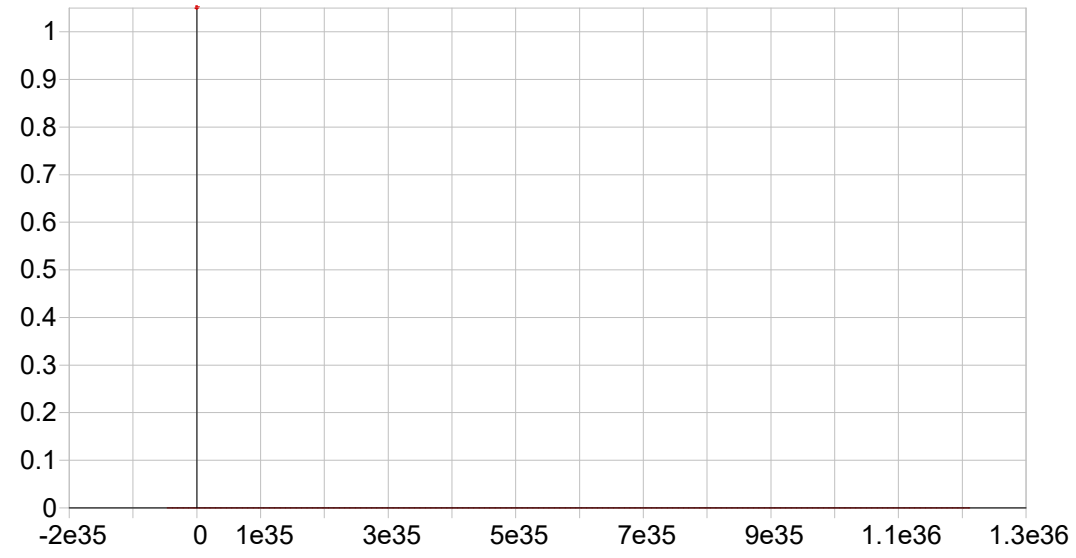


Y 371.030 { 91}*

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

Reviewed By:
On:
Inst Id :P5
LB :LB136210

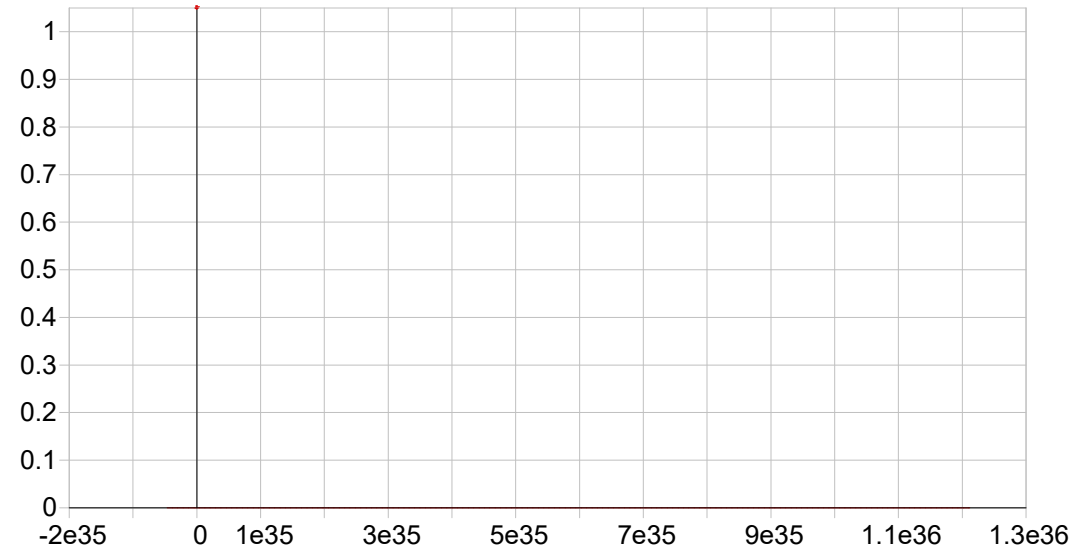


Y 224.306 {150}*

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}*

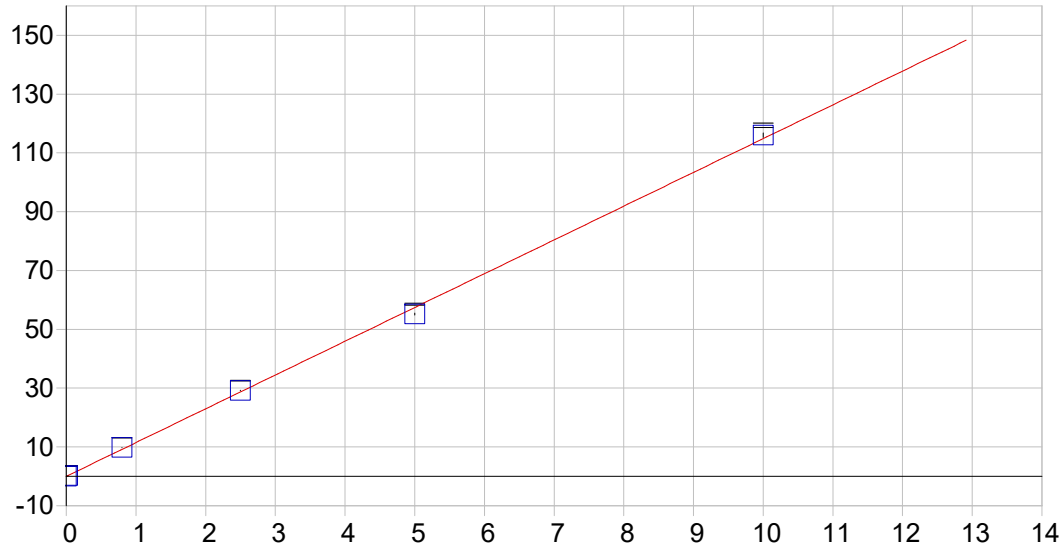
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:
On:
Inst Id :P5
LB :LB136210

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



Sr 407.771 { 83}

Date of Fit:	6/19/2025 16:46:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001416	Re-Slope:	1.000000
A1 (Gain):	11.486273	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999657	Status:	OK.
Std Error of Est:	0.007054		
Predicted MDL:	0.000199		
Predicted MQL:	0.000663		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00142	.004	1
S1	.02000	.01969	-.000	-1.54	.22477	.001	1
S2	.80000	.85134	.051	6.42	9.7773	.026	1
S3	2.5000	2.5425	.043	1.70	29.203	.101	1
S4	5.0000	4.8057	-.194	-3.89	55.199	.314	1
S5	10.000	10.101	.101	1.01	116.02	.732	1

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S0 Acquired: 6/19/2025 14:10:05 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00015**	**-.00077**	**.00042**	**-.00006**	**.00062**	**-.00233**	**.00811**	**.00181**
Stddev	.00006	.00018	.00023	.00054	.00050	.00187	.00436	.00104
%RSD	37.053	22.881	55.895	939.49	80.859	80.223	53.775	57.520
#1	-.00020	-.00061	.00066	.00001	.00114	-.00034	.00809	.00123
#2	-.00009	-.00074	.00019	-.00063	.00058	-.00261	.00376	.00302
#3	-.00017	-.00096	.00040	.00044	.00014	-.00404	.01248	.00119

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00004**	**.00736**	**.00070**	**.00015**	**.04698**	**.00054**	**.00044**	**-.00073**
Stddev	.00020	.00107	.00022	.00008	.00139	.00043	.00074	.00054
%RSD	535.61	14.574	32.280	53.897	2.9658	78.625	167.14	73.780
#1	.00018	.00640	.00050	.00013	.04623	.00015	.00094	-.00070
#2	-.00008	.00852	.00094	.00024	.04858	.00100	.00079	-.00129
#3	-.00021	.00715	.00065	.00008	.04611	.00049	-.00041	-.00021

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00018**	**.00061**	**-.07212**	**-.00107**	**.00275**	**.42356**	**.00028**	**-.00119**
Stddev	.00036	.00020	.01577	.00104	.00086	.00612	.00010	.00091
%RSD	204.75	32.256	21.858	97.994	31.201	1.4449	37.151	76.462
#1	.00008	.00061	-.06545	-.00226	.00210	.41714	.00020	-.00176
#2	-.00059	.00041	-.06079	-.00064	.00243	.42420	.00040	-.00014
#3	-.00002	.00080	-.09013	-.00030	.00372	.42933	.00024	-.00168

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00032**	**.00036**	**.02806**	**.00031**	**.00213**	**-.03267**	**-.00142**
Stddev	.00038	.00006	.00199	.00009	.00090	.00467	.00428
%RSD	118.12	17.767	7.0864	29.034	42.541	14.298	300.14
#1	-.00008	.00043	.02772	.00037	.00228	-.02891	.00350
#2	.00036	.00035	.03020	.00021	.00294	-.03790	-.00355
#3	.00069	.00030	.02627	.00034	.00115	-.03121	-.00422

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S0 Acquired: 6/19/2025 14:10:05 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.7	36574.	2974.3	3853.7	4868.4
Stddev	131.9	87.	4.7	25.9	194.9
%RSD	3.9519	.23658	.15829	.67130	4.0029
#1	3437.0	36666.	2968.9	3874.3	5012.4
#2	3188.7	36563.	2977.0	3862.2	4646.7
#3	3390.3	36494.	2977.0	3824.7	4946.1

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S1 Acquired: 6/19/2025 14:14:38 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00074	.00320	.00489	.00237	.00811	.01097	.43007	.07914
Stddev	.00006	.00015	.00037	.00014	.00022	.00164	.00402	.00055
%RSD	8.1635	4.5811	7.6446	5.7862	2.6515	14.950	.93473	.69283
#1	.00073	.00315	.00511	.00251	.00801	.00908	.42993	.07921
#2	.00069	.00310	.00509	.00234	.00797	.01181	.43415	.07965
#3	.00081	.00337	.00445	.00224	.00836	.01202	.42612	.07856

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02337	.22464	.00386	.03013	.14358	.00384	.01225	.03143
Stddev	.00024	.00212	.00012	.00013	.00215	.00090	.00054	.00025
%RSD	1.0362	.94571	3.1377	.41948	1.4953	23.333	4.3997	.78426
#1	.02365	.22539	.00389	.03005	.14537	.00281	.01181	.03132
#2	.02326	.22225	.00396	.03006	.14416	.00431	.01209	.03125
#3	.02320	.22629	.00373	.03027	.14120	.00440	.01285	.03171

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02408	.00474	1.3104	.00540	.07731	11.845	.00181	.14083
Stddev	.00028	.00006	.0078	.00123	.00152	.012	.00009	.00085
%RSD	1.1556	1.2760	.59839	22.705	1.9719	.10192	5.1244	.60080
#1	.02426	.00469	1.3096	.00495	.07628	11.837	.00174	.14180
#2	.02421	.00481	1.3186	.00446	.07659	11.838	.00191	.14029
#3	.02376	.00474	1.3030	.00678	.07906	11.859	.00177	.14040

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13931	.00129	.48871	.00617	.01875	-.01437	.22477
Stddev	.00032	.00007	.00296	.00014	.00083	.00405	.00080
%RSD	.22638	5.2599	.60605	2.1921	4.4368	28.201	.35804
#1	.13899	.00129	.48712	.00632	.01845	-.01323	.22517
#2	.13933	.00136	.49212	.00607	.01811	-.01101	.22530
#3	.13962	.00123	.48688	.00611	.01969	-.01888	.22385

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S1 Acquired: 6/19/2025 14:14:38 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3488.3	37371.	3034.6	3961.7	4945.8
Stddev	8.0	139.	12.0	17.4	5.4
%RSD	.22954	.37197	.39703	.43927	.10969
#1	3485.4	37491.	3040.3	3976.0	4940.6
#2	3497.3	37219.	3020.7	3942.3	4951.4
#3	3482.1	37405.	3042.7	3966.7	4945.5

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S2 Acquired: 6/19/2025 14:19:07 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.04169**	**.08718**	**.34961**	**.09864**	**.12987**	**.18036**	**7.3523**	**.55009**
Stddev	.00023	.00009	.00148	.00019	.00011	.00138	.0198	.00453
%RSD	.54006	.10021	.42345	.19478	.08445	.76523	.26915	.82365
#1	.04170	.08711	.35008	.09851	.12991	.17937	7.3744	.55000
#2	.04191	.08728	.35080	.09886	.12975	.17977	7.3465	.54561
#3	.04146	.08714	.34796	.09854	.12996	.18193	7.3362	.55467

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.6834**	**.47925**	**.05721**	**.42240**	**1.1001**	**.02805**	**.24847**	**.06471**
Stddev	.0016	.00288	.00048	.00095	.0119	.00017	.00107	.00067
%RSD	.09416	.60100	.83761	.22391	1.0847	.59614	.43194	1.0416
#1	1.6852	.48110	.05776	.42266	1.1112	.02824	.24893	.06435
#2	1.6823	.47593	.05700	.42318	1.0875	.02799	.24724	.06548
#3	1.6826	.48071	.05688	.42135	1.1015	.02792	.24923	.06428

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.25996**	**.10339**	**3.0780**	**.05544**	**.81244**	**28.367**	**.06799**	**1.2177**
Stddev	.00021	.00014	.0238	.00065	.00191	.198	.00022	.0087
%RSD	.07893	.13526	.77358	1.1731	.23542	.69870	.32024	.71810
#1	.26020	.10350	3.0989	.05544	.81352	28.400	.06788	1.2213
#2	.25982	.10343	3.0521	.05609	.81356	28.155	.06786	1.2077
#3	.25987	.10323	3.0831	.05479	.81023	28.547	.06824	1.2241

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.60452**	**.03709**	**1.1151**	**.13139**	**.40793**	**.84210**	**9.7773**
Stddev	.00074	.00020	.0104	.00017	.00309	.00289	.0264
%RSD	.12263	.54859	.92876	.13254	.75723	.34353	.27015
#1	.60413	.03726	1.1162	.13131	.41146	.83898	9.8077
#2	.60405	.03715	1.1042	.13127	.40568	.84263	9.7648
#3	.60537	.03686	1.1249	.13159	.40667	.84470	9.7595

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S2 Acquired: 6/19/2025 14:19:07 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.0	36512.	2953.6	3877.1	4795.6
Stddev	5.3	181.	16.9	19.7	11.5
%RSD	.15626	.49442	.57309	.50870	.23916
#1	3410.8	36420.	2941.5	3885.1	4792.8
#2	3405.8	36397.	2972.9	3854.7	4785.8
#3	3416.4	36720.	2946.3	3891.6	4808.2

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S3 Acquired: 6/19/2025 14:23:24 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13131	.26537	1.0705	.29426	.38342	.54457	21.963	1.6035
Stddev	.00031	.00057	.0011	.00049	.00083	.00333	.092	.0131
%RSD	.23870	.21633	.10444	.16636	.21720	.61134	.41790	.81813
#1	.13113	.26583	1.0701	.29432	.38392	.54233	21.956	1.5888
#2	.13167	.26555	1.0717	.29472	.38246	.54840	22.057	1.6074
#3	.13112	.26473	1.0696	.29375	.38389	.54299	21.874	1.6142

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.2273	1.4052	.16825	1.2966	3.1101	.08025	.72882	.19279
Stddev	.0024	.0090	.00010	.0021	.0304	.00107	.00404	.00057
%RSD	.04542	.63795	.05752	.16536	.97751	1.3396	.55409	.29636
#1	5.2249	1.4026	.16826	1.2941	3.0971	.07912	.72660	.19272
#2	5.2297	1.4152	.16815	1.2981	3.0883	.08126	.73348	.19339
#3	5.2272	1.3979	.16834	1.2975	3.1448	.08036	.72638	.19226

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.79622	.30221	9.4516	.16668	2.4362	89.618	.21397	3.6042
Stddev	.00139	.00042	.0715	.00080	.0024	.788	.00012	.0300
%RSD	.17425	.13940	.75651	.48049	.09954	.87918	.05506	.83216
#1	.79463	.30188	9.4219	.16651	2.4338	88.877	.21387	3.5808
#2	.79721	.30207	9.3998	.16755	2.4387	89.530	.21394	3.5937
#3	.79682	.30268	9.5332	.16598	2.4361	90.446	.21410	3.6380

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7920	.11823	3.2242	.40676	1.2261	2.5363	29.203
Stddev	.0006	.00033	.0300	.00049	.0074	.0141	.101
%RSD	.03419	.27663	.92940	.11927	.60222	.55531	.34715
#1	1.7918	.11817	3.2005	.40620	1.2290	2.5264	29.201
#2	1.7926	.11794	3.2143	.40706	1.2315	2.5524	29.305
#3	1.7914	.11859	3.2579	.40702	1.2177	2.5300	29.102

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S3 Acquired: 6/19/2025 14:23:24 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.8	35797.	2959.4	3806.8	4498.0
Stddev	11.6	220.	4.4	26.8	14.7
%RSD	.34514	.61550	.14708	.70327	.32722
#1	3359.2	35550.	2958.9	3783.0	4500.0
#2	3370.2	35865.	2964.0	3801.7	4511.7
#3	3347.0	35975.	2955.3	3835.8	4482.4

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S4 Acquired: 6/19/2025 14:27:41 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.26626**	**.52230**	**2.1177**	**.55474**	**.72452**	**1.0294**	**41.656**	**3.0006**
Stddev	.00020	.00058	.0013	.00094	.00091	.0057	.250	.0283
%RSD	.07667	.11197	.06231	.16997	.12594	.55533	.59925	.94356
#1	.26602	.52189	2.1181	.55515	.72538	1.0322	41.931	3.0333
#2	.26640	.52204	2.1162	.55541	.72462	1.0228	41.596	2.9845
#3	.26635	.52297	2.1187	.55366	.72356	1.0331	41.442	2.9839

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10.459**	**2.6541**	**.31507**	**2.5733**	**5.6620**	**.15011**	**1.3712**	**.36211**
Stddev	.015	.0061	.00072	.0019	.0624	.00108	.0052	.00236
%RSD	.14349	.22995	.22706	.07232	1.1019	.71950	.37775	.65042
#1	10.449	2.6611	.31578	2.5732	5.7339	.15134	1.3769	.35940
#2	10.452	2.6504	.31509	2.5714	5.6306	.14932	1.3696	.36358
#3	10.476	2.6507	.31435	2.5752	5.6216	.14966	1.3669	.36336

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.5809**	**.56642**	**18.350**	**.31668**	**4.5365**	**181.96**	**.43446**	**6.8170**
Stddev	.0016	.00053	.193	.00209	.0138	1.07	.00026	.0722
%RSD	.10207	.09286	1.0491	.66008	.30517	.58616	.05993	1.0591
#1	1.5797	.56700	18.570	.31861	4.5245	183.19	.43437	6.9002
#2	1.5802	.56627	18.268	.31446	4.5517	181.37	.43425	6.7804
#3	1.5827	.56598	18.212	.31697	4.5334	181.31	.43475	6.7704

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.3993**	**.24378**	**6.0181**	**.81061**	**2.3355**	**4.7664**	**55.199**
Stddev	.0023	.00039	.0579	.00140	.0100	.0136	.314
%RSD	.06744	.15815	.96262	.17276	.42795	.28567	.56907
#1	3.3993	.24387	6.0848	.81012	2.3468	4.7717	55.551
#2	3.4017	.24335	5.9886	.80951	2.3278	4.7509	55.098
#3	3.3971	.24411	5.9809	.81218	2.3318	4.7766	54.947

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S4 Acquired: 6/19/2025 14:27:41 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3455.0	36932.	3061.4	3914.8	4347.6
Stddev	2.0	122.	28.0	15.8	8.2
%RSD	.05929	.33103	.91314	.40432	.18818
#1	3453.0	36996.	3030.1	3930.5	4347.8
#2	3457.1	36791.	3070.3	3898.8	4355.6
#3	3455.0	37010.	3083.9	3915.2	4339.2

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S5 Acquired: 6/19/2025 14:31:57 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.56362	1.0554	4.3967	1.1889	1.5536	2.2278	90.190	6.3567
Stddev	.00071	.0004	.0048	.0029	.0031	.0062	1.682	.0713
%RSD	.12514	.03964	.10838	.24329	.19765	.27590	1.8651	1.1215
#1	.56428	1.0552	4.4022	1.1922	1.5572	2.2214	89.269	6.2788
#2	.56371	1.0559	4.3935	1.1870	1.5516	2.2337	92.131	6.3727
#3	.56288	1.0552	4.3944	1.1875	1.5520	2.2284	89.170	6.4186

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	21.527	5.7771	.66589	5.3244	11.965	.32662	2.9639	.77971
Stddev	.027	.0085	.00162	.0084	.138	.00129	.0093	.00416
%RSD	.12424	.14764	.24349	.15812	1.1547	.39375	.31245	.53352
#1	21.558	5.7710	.66587	5.3341	11.811	.32535	2.9651	.77637
#2	21.517	5.7868	.66753	5.3198	12.008	.32660	2.9725	.78437
#3	21.507	5.7734	.66428	5.3192	12.077	.32792	2.9541	.77839

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2701	1.1987	40.211	.69114	9.8162	403.26	.91622	14.521
Stddev	.0048	.0021	.389	.00181	.0465	5.05	.00063	.175
%RSD	.14662	.17432	.96693	.26197	.47334	1.2520	.06927	1.2070
#1	3.2756	1.1981	39.763	.68906	9.8121	397.43	.91562	14.332
#2	3.2682	1.2010	40.410	.69241	9.8646	406.27	.91688	14.555
#3	3.2665	1.1969	40.461	.69194	9.7720	406.08	.91615	14.678

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3255	.49707	12.811	1.6778	5.0694	10.379	116.02
Stddev	.0117	.00043	.184	.0018	.0145	.026	.73
%RSD	.15949	.08590	1.4394	.10800	.28588	.24611	.63061
#1	7.3386	.49724	12.611	1.6798	5.0677	10.357	116.66
#2	7.3161	.49739	12.847	1.6772	5.0847	10.407	116.18
#3	7.3219	.49659	12.974	1.6763	5.0559	10.374	115.22

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: S5 Acquired: 6/19/2025 14:31:57 Type: Cal
Method: METHOD 6010D, 200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.5	33990.	2811.0	3554.5	4072.5
Stddev	3.9	318.	20.8	39.9	2.5
%RSD	.12377	.93502	.73815	1.1224	.06126
#1	3144.1	33862.	2832.8	3535.3	4071.6
#2	3151.0	33756.	2791.5	3527.9	4075.3
#3	3144.4	34352.	2808.8	3600.4	4070.6

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICV01 Acquired: 6/19/2025 14:45:39 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.787408**	**3.883103**	**3.831698**	**4.017253**	**4.217173**	**7.884939**	**7.865167**
Stddev	.007615	.010117	.007627	.004516	.003817	.012581	.058341
%RSD	.2010717	.2605514	.1990517	.1124092	.0905138	.1595598	.7417584
#1	3.795341	3.893071	3.840465	4.022100	4.212999	7.874580	7.801178
#2	3.786728	3.872842	3.828038	4.013164	4.218033	7.881298	7.878922
#3	3.780156	3.883396	3.826590	4.016496	4.220487	7.898939	7.915401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2090503**	**1.944588**	**19.67984**	**.8085365**	**1.952549**	**1.048802**	**3.948719**
Stddev	.0029189	.003566	.03765	.0012007	.004707	.012666	.037116
%RSD	1.396252	.1833739	.1913189	.1485080	.2410717	1.207684	.9399494
#1	.2060602	1.948319	19.63767	.8073391	1.957668	1.036614	3.907959
#2	.2091984	1.941214	19.71006	.8097405	1.948407	1.047894	3.957627
#3	.2118923	1.944233	19.69180	.8085298	1.951572	1.061897	3.980570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.976127**	**19.96288**	**1.952849**	**.9489771**	**20.05903**	**2.011420**	**2.005579**
Stddev	.007188	.08930	.004910	.0013259	.21581	.008175	.010945
%RSD	.3637604	.4473439	.2514439	.1397205	1.075867	.4064465	.5457210
#1	1.968122	19.86244	1.957683	.9494629	19.82856	2.003631	2.003992
#2	1.978227	19.99288	1.947866	.9499916	20.09219	2.010696	2.017231
#3	1.982031	20.03331	1.952999	.9474768	20.25634	2.019933	1.995515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.74525**	**.0175540**	**.0153532**	**-.003998**	**.0213709**	**-.000377**	**.0004808**
Stddev	.10122	.0013665	.0008910	.000327	.0009303	.000584	.0004819
%RSD	.5126056	7.784692	5.803514	8.176137	4.353128	154.6832	100.2208
#1	19.64886	.0170856	.0144765	-.004271	.0203003	-.001039	.0002356
#2	19.85068	.0164833	.0153252	-.003636	.0219825	-.000161	.0010360
#3	19.73620	.0190931	.0162579	-.004086	.0218300	.000067	.0001709

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICV01 Acquired: 6/19/2025 14:45:39 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.005377**	**.0450777**	**.0004383**
Stddev	.001944	.0031778	.0001132
%RSD	36.14494	7.049520	25.83266
#1	-.004347	.0458474	.0005572
#2	-.004166	.0415858	.0003318
#3	-.007619	.0478000	.0004258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3337.388**	**35965.45**	**2934.465**	**3790.754**	**4519.504**
Stddev	10.244	143.32	23.902	26.077	18.622
%RSD	.3069391	.3984990	.8145117	.6879001	.4120394
#1	3330.813	35886.04	2960.487	3785.664	4502.751
#2	3332.159	35879.40	2929.419	3767.597	4516.206
#3	3349.191	36130.90	2913.489	3819.000	4539.555

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: LLICV01 Acquired: 6/19/2025 14:57:03 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176588	.0407368	.0108011	.0217852	.0499587	.0906004	.0973094
Stddev	.0026237	.0013924	.0014539	.0004083	.0010847	.0048810	.0005722
%RSD	14.85785	3.418172	13.46091	1.874065	2.171219	5.387431	.5879740
#1	.0156122	.0397849	.0095902	.0221788	.0497477	.0851223	.0966589
#2	.0206166	.0400905	.0124136	.0213637	.0489950	.0921917	.0975348
#3	.0167474	.0423349	.0103994	.0218132	.0511334	.0944872	.0977346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062360	.0055299	1.944177	.0092101	.0286989	.0203361	.0962471
Stddev	.0001199	.0000809	.025130	.0009223	.0002997	.0005450	.0218251
%RSD	1.923367	1.463627	1.292567	10.01452	1.044424	2.680159	22.67610
#1	.0063000	.0056222	1.918050	.0099314	.0289958	.0205832	.1187842
#2	.0063104	.0054969	1.968174	.0081708	.0287046	.0207139	.0752116
#3	.0060977	.0054708	1.946306	.0095280	.0283964	.0197113	.0947454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199787	2.102861	.0374235	.0093955	1.813497	.0407283	.0391330
Stddev	.0002646	.050875	.0004984	.0003213	.016054	.0043071	.0003529
%RSD	1.324445	2.419319	1.331737	3.419928	.8852248	10.57515	.9017543
#1	.0199875	2.149320	.0368800	.0091025	1.808386	.0395378	.0395151
#2	.0197099	2.110766	.0378591	.0097391	1.800622	.0371417	.0390645
#3	.0202389	2.048496	.0375314	.0093448	1.831484	.0455054	.0388193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.755756	.0185640	.1045440	.1941969	.2367157	.3739492	.0356452
Stddev	.010107	.0001551	.0011304	.0004370	.0037224	.0056117	.0003974
%RSD	.5756301	.8356232	1.081293	.2250022	1.572525	1.500645	1.114879
#1	1.764082	.0187034	.1055235	.1937442	.2358789	.3764562	.0360018
#2	1.744511	.0185916	.1048015	.1946161	.2407854	.3675210	.0357170
#3	1.758675	.0183969	.1033070	.1942305	.2334830	.3778703	.0352168

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: LLICV01 Acquired: 6/19/2025 14:57:03 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0332277	.0564148	.0195536
Stddev	.0007403	.0040445	.0001297
%RSD	2.227950	7.169260	.6631523
#1	.0333242	.0565855	.0196563
#2	.0324439	.0603712	.0194079
#3	.0339150	.0522876	.0195966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.489	37804.46	3008.600	3935.384	4973.389
Stddev	6.414	118.37	12.487	23.344	11.957
%RSD	.1837161	.3131226	.4150376	.5931860	.2404263
#1	3485.519	37788.15	2998.364	3910.932	4960.378
#2	3490.679	37695.09	3022.512	3937.787	4975.892
#3	3498.270	37930.14	3004.924	3957.434	4983.896

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICB01 Acquired: 6/19/2025 15:01:45 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013746**	**.0003580**	**-.000405**	**.0025412**	**.0010707**	**-.004531**
Stddev	.0020275	.0010872	.000944	.0021924	.0006488	.031625
%RSD	147.4990	303.7204	233.0634	86.27437	60.59958	697.9266
#1	.0035027	-.000082	-.000846	.0019256	.0017339	.031193
#2	-.000535	-.000440	-.001048	.0049756	.0010408	-.028949
#3	.001156	.001596	.000679	.0007224	.0004373	-.015838

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014392**	**.0001287**	**.0000111**	**.0301030**	**-.000270**	**.0000209**
Stddev	.0012423	.0000653	.0000200	.0107951	.000378	.0003297
%RSD	86.31616	50.78937	180.1629	35.86071	140.2711	1579.508
#1	.0017517	.0000755	.0000031	.0377061	-.000632	-.000073
#2	.0000705	.0001088	.0000338	.0348559	.000122	-.000251
#3	.0024954	.0002016	-.000004	.0177469	-.000299	.000387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001212**	**-.003331**	**-.000990**	**.0089957**	**-.000091**	**-.000492**
Stddev	.000136	.011474	.000258	.0607391	.000308	.001032
%RSD	11.18525	344.4458	26.03299	675.2018	339.3214	209.5982
#1	-.001076	.003269	-.000985	-.040945	.000143	-.001542
#2	-.001347	.003318	-.000735	-.008680	.000025	-.000457
#3	-.001212	-.016580	-.001250	.076612	-.000441	.000521

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0631233**	**.0104029**	**.0042711**	**.0239295**	**-.000326**	**.0051281**
Stddev	.0097484	.0083541	.0004593	.0010413	.000854	.0009283
%RSD	15.44349	80.30485	10.75439	4.351661	261.7664	18.10198
#1	.0539835	.0193582	.0044596	.0245497	.000575	.0049565
#2	.0733835	.0028201	.0046061	.0245114	-.000431	.0042976
#3	.0620028	.0090305	.0037475	.0227272	-.001123	.0061302

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICB01 Acquired: 6/19/2025 15:01:45 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001567	.0038518	.0007066	-.000412	-.002845	F .0323106
Stddev	.0002731	.0017605	.0003606	.000671	.001041	.0025688
%RSD	174.2122	45.70516	51.03084	163.0450	36.58823	7.950224
#1	.0004534	.0031469	.0007110	-.001109	-.001718	.0351678
#2	-.000084	.0058555	.0003438	.000230	-.003771	.0315720
#3	.000101	.0025530	.0010649	-.000357	-.003048	.0301921

Elem	Sr4077
Units	ppm
Avg	.0000573
Stddev	.0000610
%RSD	106.3991
#1	.0001278
#2	.0000212
#3	.0000231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.118	37041.06	2954.404	3840.420	5005.390
Stddev	4.566	91.90	16.259	8.789	10.538
%RSD	.1333964	.2481082	.5503400	.2288670	.2105234
#1	3419.137	37095.49	2942.579	3835.327	5011.865
#2	3422.115	37092.74	2972.945	3835.365	4993.231
#3	3428.103	36934.96	2947.688	3850.570	5011.074

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CRI01 Acquired: 6/19/2025 15:06:14 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190190	.0378802	.0101932	.0220130	.0496851	.1114480	.0978371
Stddev	.0015974	.0004947	.0006707	.0011423	.0020700	.0137825	.0008708
%RSD	8.398837	1.306089	6.579915	5.189061	4.166171	12.36675	.8900816
#1	.0185481	.0374900	.0105194	.0210434	.0476497	.1269171	.0976058
#2	.0177100	.0384367	.0094218	.0232722	.0496177	.1069519	.0988003
#3	.0207989	.0377140	.0106385	.0217234	.0517880	.1004750	.0971053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064711	.0055841	1.975312	.0091690	.0289318	.0208807	.1062240
Stddev	.0002298	.0000513	.011503	.0004371	.0005040	.0004546	.0070355
%RSD	3.550715	.9180679	.5823400	4.766701	1.742029	2.177269	6.623227
#1	.0066407	.0056021	1.988330	.0090527	.0288065	.0211316	.0981010
#2	.0062096	.0056239	1.971092	.0096525	.0285023	.0211545	.1103824
#3	.0065630	.0055262	1.966516	.0088019	.0294867	.0203559	.1101888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203606	2.082564	.0372961	.0088021	1.821951	.0478299	.0395633
Stddev	.0013209	.048144	.0004628	.0004569	.024791	.0078837	.0007553
%RSD	6.487664	2.311744	1.240996	5.190662	1.360676	16.48283	1.909091
#1	.0216714	2.027183	.0369214	.0093258	1.826980	.0514801	.0398584
#2	.0190298	2.114446	.0378135	.0085957	1.795031	.0532271	.0401266
#3	.0203807	2.106061	.0371533	.0084848	1.843841	.0387826	.0387050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.765002	.0189808	.1028928	.1966656	.2403732	.3761395	.0362337
Stddev	.007451	.0002034	.0017850	.0002870	.0016317	.0026877	.0007522
%RSD	.4221721	1.071403	1.734791	.1459381	.6788371	.7145403	2.075960
#1	1.765876	.0190558	.1012291	.1963503	.2385687	.3786734	.0357075
#2	1.757152	.0191360	.1026710	.1967351	.2408062	.3733208	.0358984
#3	1.771977	.0187506	.1047783	.1969115	.2417448	.3764243	.0370953

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CRI01 Acquired: 6/19/2025 15:06:14 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0326747	.0515784	.0196387
Stddev	.0025635	.0052464	.0002294
%RSD	7.845531	10.17172	1.168325
#1	.0354480	.0493955	.0198733
#2	.0303920	.0477759	.0196280
#3	.0321840	.0575639	.0194147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.749	37482.13	2985.559	3883.415	4921.876
Stddev	4.750	156.27	5.220	22.905	11.974
%RSD	.1375645	.4169108	.1748430	.5898075	.2432831
#1	3457.602	37632.03	2981.797	3902.120	4931.833
#2	3452.537	37320.20	2991.518	3857.870	4925.205
#3	3448.109	37494.15	2983.361	3890.257	4908.589

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSA01 Acquired: 6/19/2025 15:10:37 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052191	.0164053	.0069778	.0053127	.0117139	248.5013
Stddev	.0016148	.0017358	.0020811	.0013271	.0021566	.5794
%RSD	30.94063	10.58052	29.82449	24.97918	18.41062	.2331522
#1	.0056307	.0178022	.0071183	.0038697	.0098513	247.8808
#2	.0065883	.0144621	.0089851	.0064808	.0140766	249.0282
#3	.0034383	.0169516	.0048300	.0055876	.0112138	248.5949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076608	.0010316	-.000083	239.2946	.0493412	.0226510
Stddev	.0010589	.0001042	.000272	.2183	.0005563	.0009946
%RSD	13.82167	10.10126	329.8479	.0912086	1.127374	4.390910
#1	.0064381	.0009905	.000148	239.1724	.0489047	.0237993
#2	.0082691	.0011500	-.000012	239.5466	.0491514	.0220927
#3	.0082751	.0009541	-.000383	239.1649	.0499675	.0220609

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011539	103.5382	.0048798	247.5394	.0018677	.0066551
Stddev	.000438	.3492	.0013432	.6553	.0003399	.0006072
%RSD	3.792503	.3372266	27.52660	.2647316	18.19936	9.123883
#1	-.011983	103.1685	.0050268	247.3022	.0021201	.0071894
#2	-.011526	103.8624	.0061435	248.2803	.0020017	.0067811
#3	-.011108	103.5836	.0034691	247.0358	.0014812	.0059947

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1653722	.0016305	.0178203	-.000416	.0089739	F .0339044
Stddev	.0126891	.0077025	.0005452	.000930	.0016929	.0007388
%RSD	7.673064	472.3960	3.059460	223.7320	18.86489	2.179222
#1	.1696299	.0050203	.0179409	.000123	.0108387	.0332096
#2	.1511017	-.007186	.0172249	.000120	.0085494	.0338229
#3	.1753848	.007057	.0182952	-.001490	.0075337	.0346805

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSA01 Acquired: 6/19/2025 15:10:37 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008757	.0209308	-.009657	.0044017	-.002001	F .0427888
Stddev	.000873	.0042096	.000557	.0006735	.000358	.0083217
%RSD	9.968319	20.11193	5.763357	15.29993	17.90502	19.44839
#1	-.009721	.0221082	-.009039	.0051730	-.001668	.0456886
#2	-.008019	.0244264	-.009811	.0041019	-.001955	.0334051
#3	-.008532	.0162579	-.010120	.0039303	-.002381	.0492726

Elem	Sr4077
Units	ppm
Avg	.0995947
Stddev	.0002359
%RSD	.2368651
#1	.0993449
#2	.0998137
#3	.0996254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3053.251	32601.68	2826.024	3484.909	3898.810
Stddev	89.449	286.18	7.860	33.384	111.187
%RSD	2.929632	.8778101	.2781310	.9579503	2.851830
#1	2950.529	32801.88	2834.453	3500.850	3771.001
#2	3095.270	32729.27	2824.722	3507.334	3952.169
#3	3113.954	32273.90	2818.896	3446.543	3973.261

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSAB01 Acquired: 6/19/2025 15:16:45 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0937071**	**.0955484**	**.0511105**	**.0503935**	**.6183396**	**248.3386**
Stddev	.0008362	.0035142	.0020031	.0040549	.0071934	.5771
%RSD	.8924091	3.677930	3.919170	8.046523	1.163338	.2323725
#1	.0946725	.0986738	.0532580	.0459496	.6265704	247.8798
#2	.0932425	.0962271	.0492927	.0513382	.6132576	248.1495
#3	.0932063	.0917444	.0507808	.0538927	.6151906	248.9865

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5160664**	**.5248324**	**.9946469**	**238.9985**	**.5622282**	**.5072760**
Stddev	.0017092	.0026223	.0040342	.4916	.0013974	.0021691
%RSD	.3311964	.4996516	.4055888	.2056936	.2485405	.4276006
#1	.5141496	.5256130	.9992240	238.4309	.5634065	.5097195
#2	.5174319	.5219084	.9931084	239.2801	.5625936	.5065308
#3	.5166176	.5269757	.9916084	239.2846	.5606844	.5055777

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4907583**	**103.4501**	**.5014370**	**247.9766**	**.9753753**	**.2220645**
Stddev	.0034988	.1162	.0017008	.7387	.0024915	.0005612
%RSD	.7129439	.1123496	.3391758	.2979001	.2554432	.2527218
#1	.4918584	103.3470	.4997913	247.2343	.9781608	.2226713
#2	.4868416	103.5761	.5013318	247.9838	.9746060	.2219581
#3	.4935749	103.4272	.5031880	248.7117	.9733592	.2215642

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1679442**	**.5017212**	**1.048630**	**-.006310**	F **.0162771**	F **.0329506**
Stddev	.0154077	.0009444	.001375	.000176	.0033631	.0006729
%RSD	9.174291	.1882378	.1311610	2.792834	20.66150	2.042204
#1	.1525160	.5011341	1.047173	-.006478	.0201595	.0333265
#2	.1833313	.5028107	1.049905	-.006127	.0144133	.0333515
#3	.1679854	.5012190	1.048813	-.006326	.0142586	.0321737

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSAB01 Acquired: 6/19/2025 15:16:45 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009523	.0223865	-.006374	.0033964	-.006528	F .0374239
Stddev	.000364	.0051705	.001533	.0010540	.001550	.0051071
%RSD	3.826202	23.09663	24.05565	31.03326	23.73973	13.64662
#1	-.009367	.0170277	-.005554	.0042967	-.005710	.0315714
#2	-.009263	.0273455	-.008143	.0022370	-.008315	.0397226
#3	-.009940	.0227863	-.005425	.0036555	-.005558	.0409777

Elem	Sr4077
Units	ppm
Avg	.0998851
Stddev	.0003635
%RSD	.3639400
#1	.0995510
#2	.0998322
#3	.1002722

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.253	32357.60	2820.460	3450.553	3951.316
Stddev	7.138	255.58	11.954	30.192	7.399
%RSD	.2309085	.7898688	.4238487	.8749824	.1872438
#1	3083.037	32496.94	2834.254	3476.983	3951.647
#2	3094.786	32062.63	2813.119	3417.649	3943.758
#3	3095.935	32513.23	2814.007	3457.026	3958.544

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSADLX20 Acquired: 6/19/2025 15:23:42 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002811**	**.0055988**	**.0015743**	**.0016806**	**-.000458**	**12.16961**	**.0011378**
Stddev	.000931	.0037951	.0013302	.0050834	.002009	.01472	.0005443
%RSD	33.14096	67.78377	84.49505	302.4701	439.0320	.1209528	47.84161
#1	-.003886	.0012506	.0010831	-.002467	.001184	12.17644	.0017328
#2	-.002302	.0082444	.0030803	.000157	.000141	12.15272	.0006648
#3	-.002244	.0073013	.0005596	.007351	-.002697	12.17967	.0010159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002738**	**-.000056**	**11.87880**	**.0021657**	**.0054942**	**-.000923**	**5.209358**
Stddev	.0000756	.000048	.01938	.0009032	.0001342	.000665	.024144
%RSD	27.61496	85.81341	.1631268	41.70354	2.443011	72.05927	.4634722
#1	.0002726	-.000112	11.87330	.0025815	.0054630	-.000174	5.232712
#2	.0001988	-.000026	11.90034	.0027861	.0053784	-.001149	5.210866
#3	.0003500	-.000031	11.86278	.0011295	.0056413	-.001446	5.184495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006572**	**12.54304**	**-.000620**	**.0005800**	**.0602420**	**.0059290**	**-.000381**
Stddev	.0007102	.09878	.000389	.0003037	.0083965	.0044894	.000041
%RSD	108.0687	.7875511	62.73527	52.36702	13.93794	75.71918	10.82046
#1	-.000150	12.43812	-.000276	.0005056	.0578782	.0038255	-.000343
#2	.000938	12.63425	-.000543	.0003204	.0695671	.0110839	-.000425
#3	.001184	12.55675	-.001042	.0009141	.0532808	.0028776	-.000374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027505**	**.0005263**	**.0038877**	**-.001622**	**.0006262**	**.0003091**	**-.000278**
Stddev	.0017321	.0007952	.0020031	.000286	.0035558	.0004271	.000994
%RSD	62.97212	151.0856	51.52262	17.62644	567.8300	138.1866	357.7712
#1	.0018766	.0013889	.0049022	-.001292	.0011090	-.000073	.000555
#2	.0016296	-.000177	.0051806	-.001806	.0039159	.000230	-.001378
#3	.0047455	.000367	.0015804	-.001766	-.003146	.000770	-.000010

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSADLX20 Acquired: 6/19/2025 15:23:42 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003897	.0299850	.0050732
Stddev	.005164	.0073811	.0000383
%RSD	132.4923	24.61592	.7539781
#1	-.008517	.0364770	.0051088
#2	-.004852	.0315213	.0050328
#3	.001677	.0219567	.0050779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3397.662	36615.99	2925.339	3820.771	4778.851
Stddev	1.473	107.59	12.772	9.253	8.074
%RSD	.0433614	.2938342	.4366035	.2421677	.1689596
#1	3397.617	36710.72	2929.236	3830.653	4772.735
#2	3399.158	36499.01	2935.709	3812.313	4788.003
#3	3396.212	36638.24	2911.073	3819.347	4775.813

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSABDLX20 Acquired: 6/19/2025 15:28:42 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024058	.0062675	.0024448	.0029319	.0283505	11.98699	.0259247
Stddev	.0028782	.0020248	.0005327	.0025895	.0031345	.05762	.0005946
%RSD	119.6353	32.30655	21.79048	88.32124	11.05641	.4806731	2.293489
#1	.0006989	.0085718	.0027476	.0014770	.0259998	12.02848	.0266077
#2	.0057288	.0047724	.0027570	.0013970	.0271423	11.92121	.0255232
#3	.0007897	.0054583	.0018296	.0059216	.0319093	12.01130	.0256431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253939	.0446484	11.72346	.0265369	.0274241	.0232076	5.140000
Stddev	.0003658	.0000555	.06976	.0001742	.0001676	.0011729	.036585
%RSD	1.440558	.1242912	.5950631	.6565509	.6111836	5.054106	.7117679
#1	.0258088	.0445843	11.76646	.0263389	.0273209	.0243822	5.156242
#2	.0251178	.0446802	11.64297	.0266047	.0276175	.0220363	5.098106
#3	.0252551	.0446807	11.76094	.0266670	.0273339	.0232043	5.165652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240554	12.33063	.0443019	.0093615	.0627244	.0367434	.0477869
Stddev	.0007723	.09919	.0002624	.0002839	.0034027	.0030316	.0005553
%RSD	3.210619	.8043858	.5923070	3.033111	5.424758	8.250722	1.161943
#1	.0232250	12.40436	.0445163	.0095838	.0637023	.0399271	.0472945
#2	.0241890	12.21786	.0440093	.0094591	.0655310	.0338912	.0476774
#3	.0247522	12.36966	.0443802	.0090416	.0589399	.0364118	.0483887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019094	.0014459	.0024170	-.001794	.0004175	-.002437	-.000550
Stddev	.0010898	.0020487	.0010364	.000386	.0014147	.002379	.001329
%RSD	57.07741	141.6890	42.87975	21.51021	338.8582	97.61277	241.5807
#1	.0010060	-.000243	.0012933	-.001348	.0018091	-.000569	.000372
#2	.0031198	.000856	.0033354	-.002022	-.001019	-.001627	-.002073
#3	.0016024	.003725	.0026222	-.002011	.000462	-.005116	.000051

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: ICSABDLX20 Acquired: 6/19/2025 15:28:42 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001755	.0242251	.0049064
Stddev	.000566	.0037141	.0001459
%RSD	32.22911	15.33150	2.974195
#1	-.001187	.0285002	.0050453
#2	-.002318	.0217921	.0049197
#3	-.001759	.0223832	.0047543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.332	36491.26	2927.823	3806.952	4781.634
Stddev	7.636	450.98	6.062	56.886	10.939
%RSD	.2248884	1.235860	.2070551	1.494261	.2287711
#1	3400.866	37010.45	2933.867	3870.509	4788.363
#2	3386.621	36196.76	2921.742	3760.807	4769.012
#3	3398.510	36266.58	2927.861	3789.542	4787.528

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV01 Acquired: 6/19/2025 15:33:05 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.855873**	**5.027290**	**4.881287**	**4.990779**	**5.040817**	**9.999041**	**10.01705**
Stddev	.007109	.009417	.008465	.008743	.013589	.040877	.03531
%RSD	.1463922	.1873125	.1734136	.1751745	.2695850	.4088047	.3525020
#1	4.854446	5.017810	4.883966	4.983106	5.026204	9.951841	10.02451
#2	4.863587	5.027418	4.871807	4.988936	5.043170	10.02249	9.97861
#3	4.849586	5.036643	4.888088	5.000297	5.053075	10.02279	10.04804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2570441**	**2.465145**	**25.05831**	**1.002658**	**2.451254**	**1.276150**	**4.981457**
Stddev	.0027452	.000885	.07762	.001472	.001506	.013874	.037426
%RSD	1.067971	.0358870	.3097550	.1468025	.0614271	1.087170	.7513033
#1	.2578129	2.465103	25.11544	1.001258	2.452253	1.280830	4.939408
#2	.2539964	2.464282	24.96994	1.004192	2.449522	1.260542	4.993840
#3	.2593228	2.466050	25.08955	1.002525	2.451986	1.287079	5.011121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.507722**	**24.80683**	**2.463671**	**1.247629**	**25.14134**	**2.499280**	**2.511373**
Stddev	.003697	.13611	.001148	.001258	.17065	.011954	.006047
%RSD	.1474381	.5486979	.0465856	.1008688	.6787729	.4782888	.2408006
#1	2.505256	24.76910	2.464970	1.248050	25.20776	2.486936	2.507190
#2	2.505936	24.69356	2.462793	1.246213	24.94747	2.510801	2.508623
#3	2.511973	24.95783	2.463251	1.248622	25.26880	2.500102	2.518307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.37134**	**4.928090**	**5.091862**	**5.063118**	**4.876179**	**5.043584**	**4.942350**
Stddev	.13249	.007432	.057490	.008207	.004445	.062419	.005301
%RSD	.5222082	.1508047	1.129059	.1620843	.0911636	1.237583	.1072569
#1	25.22300	4.925964	5.101537	5.055616	4.872323	5.044246	4.941439
#2	25.47793	4.921952	5.030148	5.061855	4.875173	4.980836	4.937563
#3	25.41308	4.936353	5.143900	5.071882	4.881041	5.105668	4.948047

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV01 Acquired: 6/19/2025 15:33:05 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.973279**	**5.064261**	**5.014709**
Stddev	.019371	.010792	.016788
%RSD	.3895057	.2130961	.3347838
#1	4.980000	5.068957	5.020064
#2	4.951442	5.051917	4.995897
#3	4.988394	5.071908	5.028168

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3253.288**	**35025.97**	**2843.295**	**3656.284**	**4322.535**
Stddev	10.797	326.41	4.945	18.942	19.209
%RSD	.3318670	.9319129	.1739313	.5180593	.4443909
#1	3241.423	35086.89	2840.407	3663.050	4300.679
#2	3262.536	34673.39	2849.005	3634.888	4336.740
#3	3255.904	35317.63	2840.473	3670.913	4330.185

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB01 Acquired: 6/19/2025 15:43:04 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003621	.0005779	.0012706	.0020617	-.002054	.0235998
Stddev	.0028988	.0012040	.0007746	.0015176	.001466	.0086811
%RSD	800.5428	208.3233	60.96509	73.60867	71.35470	36.78443
#1	.0036004	-.000808	.0021651	.0035443	-.000705	.0167119
#2	-.001991	.001362	.0008265	.0021293	-.003614	.0207369
#3	-.000523	.001180	.0008203	.0005114	-.001844	.0333508

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021224	.0001202	.0001085	.0332912	.0000188	.0002457
Stddev	.0008645	.0000336	.0000569	.0027008	.0004905	.0003708
%RSD	40.73075	27.94099	52.47629	8.112618	2607.733	150.8892
#1	.0011505	.0000871	.0000977	.0302483	.0004715	-.000032
#2	.0028056	.0001543	.0001700	.0342212	.0000872	.000102
#3	.0024111	.0001192	.0000577	.0354041	-.000502	.000667

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000209	.0106446	.0004062	-.000281	-.000171	.0001304
Stddev	.000739	.0086660	.0008840	.005051	.000315	.0004283
%RSD	354.2591	81.41213	217.6265	1795.964	184.4925	328.4112
#1	-.000640	.0043935	.0012997	-.002615	-.000346	.0002659
#2	.000644	.0205372	-.000468	-.003742	-.000359	.0004747
#3	-.000630	.0070031	.000387	.005514	.000193	-.000349

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748407	.0109099	.0049214	.0245860	.0011983	.0079464
Stddev	.0121756	.0025678	.0005772	.0010362	.0014801	.0012821
%RSD	16.26863	23.53687	11.72865	4.214600	123.5168	16.13427
#1	.0618132	.0109454	.0046814	.0238529	.0003479	.0064977
#2	.0859324	.0134598	.0055799	.0241336	.0003397	.0089349
#3	.0767766	.0083245	.0045029	.0257715	.0029073	.0084067

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB01 Acquired: 6/19/2025 15:43:04 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006267	.0043696	.0106195	.0006369	-.003100	F .0316515
Stddev	.0004333	.0029874	.0012582	.0013777	.001855	.0062795
%RSD	69.15062	68.36762	11.84774	216.2949	59.85894	19.83961
#1	.0009292	.0012250	.0094988	-.000386	-.001082	.0272420
#2	.0001302	.0071700	.0103792	.000093	-.003485	.0288714
#3	.0008206	.0047139	.0119805	.002204	-.004732	.0388412

Elem	Sr4077
Units	ppm
Avg	.0001956
Stddev	.0001665
%RSD	85.11147
#1	.0000110
#2	.0002414
#3	.0003345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.741	36755.73	2919.756	3804.525	4911.311
Stddev	7.927	148.60	37.256	13.098	8.679
%RSD	.2349016	.4042805	1.275985	.3442619	.1767085
#1	3379.080	36586.18	2934.697	3795.803	4905.588
#2	3365.591	36863.29	2947.221	3819.586	4907.048
#3	3379.551	36817.72	2877.349	3798.184	4921.296

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2336-01 Acquired: 6/19/2025 15:47:34 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1266777	-.047806	.8544400	.0640447	.0245798	155.2010	1.211280
Stddev	.0022571	.001259	.0006318	.0010991	.0015807	.2993	.006976
%RSD	1.781794	2.633771	.0739448	1.716077	6.430804	.1928166	.5758916
#1	.1241305	-.049022	.8551561	.0635983	.0261407	155.0140	1.212552
#2	.1274734	-.046508	.8539611	.0652968	.0229801	155.0428	1.203756
#3	.1284293	-.047889	.8542028	.0632391	.0246187	155.5461	1.217533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146712	.0062298	26.54290	.3962736	.2611183	.4310779	359.0997
Stddev	.0001823	.0000799	.12318	.0002810	.0006534	.0027888	.4029
%RSD	1.242485	1.282112	.4640610	.0709034	.2502394	.6469431	.1121900
#1	.0146368	.0061548	26.55605	.3961820	.2618184	.4312706	359.0418
#2	.0148683	.0063138	26.41368	.3960500	.2605247	.4337653	358.7289
#3	.0145086	.0062209	26.65898	.3965890	.2610117	.4281977	359.5284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81967	37.73986	.2791668	.0206325	1.170049	.9194460	.9553571
Stddev	.01694	.07672	.0016267	.0008820	.013750	.0058255	.0060485
%RSD	.1565895	.2032797	.5827153	4.274796	1.175183	.6335917	.6331174
#1	10.80688	37.80689	.2810024	.0201424	1.180002	.9180089	.9576863
#2	10.81325	37.75650	.2785945	.0201045	1.175785	.9144735	.9484903
#3	10.83889	37.65619	.2779035	.0216508	1.154359	.9258556	.9598949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025067	8.203037	.1414315	.0008674	2.368681	3.461464	.0387573
Stddev	.020716	.016945	.0008337	.0002158	.003237	.015800	.0016572
%RSD	.4122543	.2065687	.5894556	24.88172	.1366790	.4564614	4.275786
#1	5.024042	8.222393	.1422911	.0009878	2.366808	3.463170	.0405221
#2	5.046276	8.195837	.1406264	.0009963	2.372420	3.476343	.0385153
#3	5.004882	8.190881	.1413770	.0006183	2.366816	3.444881	.0372344

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2336-01 Acquired: 6/19/2025 15:47:34 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.427853**	**.1688243**	**.1356245**
Stddev	.019080	.0062841	.0008512
%RSD	.4309084	3.722283	.6276023
#1	4.419959	.1671187	.1356823
#2	4.413986	.1635690	.1347458
#3	4.449613	.1757852	.1364452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4436.820**	**46511.80**	**3960.113**	**4920.962**	**4306.459**
Stddev	3.749	179.25	3.871	26.625	3.534
%RSD	.0845006	.3853783	.0977406	.5410444	.0820741
#1	4432.545	46482.46	3957.175	4922.365	4302.391
#2	4439.549	46703.90	3958.665	4946.856	4308.779
#3	4438.365	46349.03	3964.499	4893.663	4308.207

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2336-03 Acquired: 6/19/2025 15:51:47 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2066382**	**-.017786**	**.1833443**	**.0759398**	**.0179572**	**246.1357**	**2.648846**
Stddev	.0039749	.004434	.0007479	.0018871	.0018967	1.5985	.021147
%RSD	1.923609	24.92733	.4079260	2.485043	10.56238	.6494343	.7983551
#1	.2071987	-.013374	.1842012	.0748153	.0199543	245.6957	2.651791
#2	.2024128	-.022240	.1828226	.0781185	.0161801	247.9081	2.668367
#3	.2103032	-.017743	.1830092	.0748857	.0177371	244.8033	2.626381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0163468**	**.0033303**	**22.15672**	**.4329139**	**.4642869**	**.7763661**	**424.4877**
Stddev	.0000348	.0001403	.13622	.0220923	.0006375	.0067716	3.0657
%RSD	.2129982	4.212260	.6148080	5.103170	.1373121	.8722222	.7222234
#1	.0163210	.0034465	22.15007	.4201022	.4649992	.7807972	423.3988
#2	.0163864	.0031745	22.29614	.4202156	.4640917	.7797299	427.9493
#3	.0163331	.0033699	22.02394	.4584238	.4637698	.7685712	422.1151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.46989**	**68.51375**	**.5017130**	**.0214173**	**3.062626**	**.9469724**	**.7974293**
Stddev	.14070	.43708	.0012575	.0020738	.027849	.0045828	.0340406
%RSD	.6873539	.6379387	.2506389	9.682913	.9093090	.4839384	4.268798
#1	20.43840	68.34347	.5031023	.0229021	3.080327	.9454380	.7771841
#2	20.62366	69.01034	.5006527	.0223020	3.077025	.9521255	.7783737
#3	20.34759	68.18744	.5013840	.0190479	3.030525	.9433538	.8367301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.652503**	**7.062120**	**.1288053**	**.0032360**	**.7972982**	**2.878082**	**.0343045**
Stddev	.089444	.016462	.0037292	.0003640	.0033204	.019062	.0016542
%RSD	.9266427	.2331052	2.895242	11.24734	.4164564	.6623262	4.822253
#1	9.724947	7.080478	.1254456	.0036020	.8008634	2.897512	.0326035
#2	9.680033	7.057211	.1328178	.0032318	.7967372	2.877325	.0359077
#3	9.552530	7.048670	.1281524	.0028741	.7942940	2.859410	.0344022

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2336-03 Acquired: 6/19/2025 15:51:47 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.673727	.2956328	.1166171
Stddev	.014706	.0014791	.0007826
%RSD	.8786376	.5003195	.6710722
#1	1.671803	.2939601	.1165749
#2	1.689300	.2967681	.1174199
#3	1.660077	.2961701	.1158564

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4190.448	42963.29	3746.548	4595.592	4161.150
Stddev	14.587	1746.61	33.505	172.417	13.849
%RSD	.3480932	4.065352	.8942794	3.751802	.3328076
#1	4173.891	44057.22	3728.126	4711.781	4145.392
#2	4196.048	43883.68	3726.297	4677.508	4171.382
#3	4201.405	40948.97	3785.222	4397.487	4166.677

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2337-01 Acquired: 6/19/2025 15:56:09 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659484	-.025849	.8807289	.0387952	.0154568	123.4666	.9357226
Stddev	.0043525	.002270	.0012960	.0031323	.0032537	.6300	.0024618
%RSD	6.599863	8.783222	.1471475	8.073974	21.05004	.5102326	.2630913
#1	.0659953	-.026462	.8814011	.0374377	.0120516	123.4246	.9364040
#2	.0615727	-.027751	.8792350	.0423772	.0157846	122.8587	.9329919
#3	.0702773	-.023336	.8815507	.0365706	.0185341	124.1166	.9377720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085423	.0056810	398.0900	.1671973	.1827912	.5485338	303.3481
Stddev	.0001396	.0001062	1.7472	.0008216	.0001281	.0064729	1.5778
%RSD	1.634495	1.869086	.4388918	.4914073	.0701040	1.180029	.5201364
#1	.0086793	.0057250	397.6771	.1665554	.1826481	.5525383	302.9611
#2	.0084002	.0057581	396.5862	.1681232	.1828953	.5410661	301.9998
#3	.0085474	.0055599	400.0066	.1669132	.1828302	.5519970	305.0835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.830080	238.3319	.2399606	.0170524	12.34229	.6241400	.9517999
Stddev	.018753	1.3529	.0012144	.0009187	.15954	.0034469	.0027989
%RSD	.4896327	.5676518	.5060763	5.387424	1.292639	.5522684	.2940665
#1	3.828632	237.9797	.2412847	.0168318	12.45441	.6209493	.9502850
#2	3.812093	237.1900	.2396982	.0162641	12.15964	.6236748	.9500850
#3	3.849515	239.8261	.2388988	.0180613	12.41281	.6277959	.9550298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.16843	10.85091	.5960396	-.000723	6.513431	5.599124	.0352732
Stddev	.11706	.00905	.0058431	.000466	.011448	.078877	.0010481
%RSD	.6818058	.0833818	.9803141	64.49112	.1757605	1.408745	2.971238
#1	17.24731	10.86135	.5960870	-.000804	6.500690	5.654805	.0348836
#2	17.03393	10.84556	.5901730	-.000221	6.516752	5.508863	.0364602
#3	17.22404	10.84580	.6018588	-.001143	6.522851	5.633704	.0344757

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2337-01 Acquired: 6/19/2025 15:56:09 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.574419**	**.1639119**	**.6159354**
Stddev	.011883	.0097120	.0008653
%RSD	.2597745	5.925137	.1404839
#1	4.584676	.1530045	.6158160
#2	4.561397	.1716225	.6151361
#3	4.577184	.1671089	.6168543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3778.494**	**40269.96**	**3551.667**	**4224.164**	**3824.547**
Stddev	8.182	243.67	30.015	21.764	8.815
%RSD	.2165478	.6050987	.8450892	.5152266	.2304934
#1	3777.269	40527.64	3541.619	4248.302	3823.688
#2	3770.994	40043.25	3585.417	4206.038	3816.193
#3	3787.220	40239.00	3527.965	4218.152	3833.761

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2338-01 Acquired: 6/19/2025 16:00:30 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561232	-.073006	.1607992	.0589689	.0247233	256.4341	.4446971
Stddev	.0027528	.005295	.0010600	.0035527	.0031880	1.0531	.0029452
%RSD	4.904988	7.253144	.6591815	6.024734	12.89472	.4106612	.6622879
#1	.0534237	-.071962	.1614357	.0554580	.0264295	257.0726	.4474232
#2	.0589265	-.078746	.1595756	.0625620	.0266952	255.2186	.4415733
#3	.0560193	-.068311	.1613864	.0588868	.0210453	257.0110	.4450949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075331	.0005549	32.15549	.1569511	.2266546	.4680137	361.6956
Stddev	.0001594	.0001106	.20365	.0009360	.0003773	.0022079	1.3768
%RSD	2.116376	19.93712	.6333150	.5963646	.1664634	.4717614	.3806391
#1	.0076877	.0005005	32.30161	.1574768	.2269117	.4705607	362.8154
#2	.0075422	.0006822	31.92287	.1558704	.2262215	.4668365	360.1585
#3	.0073693	.0004820	32.24199	.1575060	.2268306	.4666438	362.1130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.277791	62.02567	.2786961	.0196481	43.27176	.8453230	.5243279
Stddev	.037377	.31648	.0005827	.0006499	.22161	.0046502	.0010527
%RSD	.5135773	.5102422	.2090754	3.307902	.5121348	.5501112	.2007776
#1	7.308269	62.38104	.2793678	.0198922	43.52607	.8410272	.5231442
#2	7.236088	61.77418	.2783263	.0189114	43.11999	.8446809	.5246799
#3	7.289017	61.92180	.2783943	.0201406	43.16923	.8502609	.5251595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18994	6.280842	.1384439	.0071717	10.93207	1.903706	.0103312
Stddev	.03260	.008429	.0008815	.0002692	.00837	.013634	.0008056
%RSD	.2913499	.1342081	.6367309	3.753588	.0765913	.7161921	7.797550
#1	11.22608	6.289832	.1392187	.0071817	10.93896	1.919438	.0109192
#2	11.16273	6.273116	.1374848	.0074358	10.92275	1.895330	.0094129
#3	11.18102	6.279578	.1386281	.0068977	10.93451	1.896350	.0106614

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2338-01 Acquired: 6/19/2025 16:00:30 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**11.55585**	**.1292040**	**.1112972**
Stddev	.04774	.0040688	.0005686
%RSD	.4131627	3.149104	.5109228
#1	11.60111	.1336671	.1113399
#2	11.50596	.1282434	.1107084
#3	11.56048	.1257014	.1118433

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4044.597**	**42041.35**	**3629.289**	**4511.189**	**4251.430**
Stddev	1.920	46.43	13.648	18.622	6.747
%RSD	.0474798	.1104435	.3760643	.4127891	.1586917
#1	4043.636	42086.42	3613.580	4530.770	4243.732
#2	4043.346	42043.96	3638.246	4493.704	4254.240
#3	4046.808	41993.66	3636.040	4509.095	4256.316

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2340-01 Acquired: 6/19/2025 16:04:52 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1423839**	**-.008004**	**.2599654**	**.0582580**	**.0204753**	**79.50911**	**.5998633**
Stddev	.0042869	.001191	.0010881	.0014069	.0012021	.38072	.0048792
%RSD	3.010807	14.88648	.4185430	2.414905	5.870961	.4788440	.8133884
#1	.1473154	-.007829	.2607884	.0598808	.0213322	79.20088	.6008656
#2	.1402883	-.006910	.2587318	.0575100	.0191011	79.93470	.6041635
#3	.1395478	-.009273	.2603762	.0573831	.0209925	79.39174	.5945608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0126271**	**-.000959**	**53.40839**	**.2485291**	**.1313738**	**.2080293**	**384.9402**
Stddev	.0002096	.000087	.24933	.0013078	.0005003	.0015743	1.2890
%RSD	1.660083	9.019291	.4668448	.5262262	.3808393	.7567859	.3348622
#1	.0127153	-.000890	53.44714	.2484866	.1318297	.2072568	384.8398
#2	.0127781	-.001056	53.63607	.2498576	.1308385	.2098406	386.2765
#3	.0123877	-.000932	53.14194	.2472430	.1314530	.2069903	383.7043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.184500**	**33.96033**	**.1973018**	**.0239527**	**9.457403**	**.3810470**	**.6559134**
Stddev	.014184	.20692	.0009032	.0005079	.089284	.0034859	.0009378
%RSD	.4454023	.6092853	.4577594	2.120437	.9440648	.9148354	.1429756
#1	3.181648	33.91479	.1963421	.0234377	9.392861	.3850723	.6569408
#2	3.199893	34.18622	.1974281	.0244532	9.559297	.3790291	.6551033
#3	3.171958	33.77997	.1981352	.0239671	9.420051	.3790398	.6556961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.72326**	**6.264972**	**.2941493**	**-.003947**	**.7387019**	**5.851873**	**.0112153**
Stddev	.15013	.002739	.0015960	.000349	.0006794	.041461	.0011906
%RSD	1.400087	.0437118	.5425922	8.852792	.0919719	.7085162	10.61562
#1	10.65698	6.265548	.2952058	-.003966	.7394489	5.823485	.0106782
#2	10.89513	6.267377	.2949288	-.003589	.7381210	5.899453	.0125797
#3	10.61766	6.261991	.2923133	-.004287	.7385358	5.832681	.0103879

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2340-01 Acquired: 6/19/2025 16:04:52 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**2.007170**	**.1788790**	**.3493406**
Stddev	.014296	.0058810	.0024157
%RSD	.7122482	3.287678	.6915018
#1	2.008198	.1807234	.3497356
#2	2.020925	.1722968	.3515345
#3	1.992388	.1836166	.3467518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3618.115**	**38541.69**	**3211.330**	**4038.040**	**4417.885**
Stddev	9.579	85.18	34.853	9.985	7.523
%RSD	.2647548	.2210024	1.085322	.2472825	.1702835
#1	3629.168	38567.29	3230.588	4040.152	4426.529
#2	3612.213	38446.65	3171.097	4027.167	4414.308
#3	3612.965	38611.14	3232.305	4046.800	4412.818

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2339-01 Acquired: 6/19/2025 16:09:17 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0582669	-.002421	.2663867	.0621491	.0222195	162.4294	2.608316
Stddev	.0009093	.002891	.0027115	.0007259	.0027388	.3537	.006634
%RSD	1.560554	119.3919	1.017867	1.168001	12.32623	.2177295	.2543367
#1	.0577405	-.004572	.2680056	.0617459	.0201481	162.5615	2.611275
#2	.0593169	.000865	.2632564	.0617143	.0211855	162.0288	2.600718
#3	.0577434	-.003557	.2678981	.0629871	.0253247	162.6981	2.612956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158993	.0024580	36.51237	.3037093	.2316866	.3277964	413.6596
Stddev	.0002141	.0000708	.13564	.0007209	.0005843	.0022592	.5018
%RSD	1.346624	2.881459	.3714973	.2373749	.2522139	.6892109	.1212972
#1	.0158775	.0025125	36.56857	.3044241	.2310486	.3296902	413.8538
#2	.0156969	.0024836	36.35766	.3037214	.2318155	.3252957	413.0897
#3	.0161234	.0023779	36.61088	.3029824	.2321958	.3284033	414.0352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.48413	96.05450	.5163856	.0251516	5.347651	.4081688	.9723391
Stddev	.02366	.10770	.0010345	.0006361	.048409	.0079939	.0015846
%RSD	.1894936	.1121283	.2003292	2.529085	.9052303	1.958471	.1629671
#1	12.50282	96.15144	.5168482	.0245957	5.390590	.4171940	.9734772
#2	12.45753	95.93856	.5152006	.0250139	5.295189	.4019795	.9730109
#3	12.49203	96.07351	.5171081	.0258453	5.357175	.4053330	.9705293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.19066	10.05790	.3320289	.0015165	.6967117	1.758969	.0140571
Stddev	.29852	.01712	.0014827	.0003769	.0035445	.020019	.0004800
%RSD	.8731003	.1702287	.4465646	24.85268	.5087464	1.138116	3.414759
#1	34.42840	10.06356	.3317415	.0012101	.6930131	1.764143	.0143467
#2	33.85563	10.03867	.3336343	.0019373	.7000787	1.736870	.0135030
#3	34.28793	10.07148	.3307109	.0014020	.6970433	1.775893	.0143214

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2339-01 Acquired: 6/19/2025 16:09:17 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.567417**	**.5250507**	**.1777058**
Stddev	.008761	.0022206	.0006066
%RSD	.1918093	.4229327	.3413413
#1	4.568595	.5275884	.1771066
#2	4.558126	.5240997	.1776914
#3	4.575528	.5234640	.1783195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4188.158**	**44328.68**	**3768.587**	**4664.475**	**4160.804**
Stddev	6.677	91.95	21.651	5.627	10.250
%RSD	.1594282	.2074226	.5745136	.1206434	.2463480
#1	4191.337	44319.58	3754.039	4665.056	4164.457
#2	4192.651	44241.62	3793.469	4658.579	4168.727
#3	4180.485	44424.84	3758.253	4669.789	4149.228

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-05 Acquired: 6/19/2025 16:13:38 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846919	-.019830	.1990541	.0451240	.0183228	152.7950	.7393318
Stddev	.0012553	.000826	.0017994	.0021463	.0012511	.4065	.0036479
%RSD	1.482154	4.164660	.9039899	4.756420	6.827820	.2660197	.4934077
#1	.0842457	-.019565	.2003369	.0450376	.0191076	152.3291	.7351380
#2	.0861093	-.020755	.1969971	.0430223	.0189808	152.9792	.7410879
#3	.0837207	-.019169	.1998281	.0473122	.0168801	153.0768	.7417696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120484	.0008863	19.82383	.2278758	.1490704	.9019500	296.8565
Stddev	.0002544	.0000933	.04999	.0007137	.0001250	.0077298	.4322
%RSD	2.111345	10.53194	.2521822	.3132173	.0838610	.8570157	.1455831
#1	.0119120	.0007884	19.77364	.2286997	.1492040	.8996483	296.3605
#2	.0123419	.0008962	19.87362	.2274843	.1490509	.9105692	297.1519
#3	.0118913	.0009743	19.82422	.2274436	.1489562	.8956323	297.0572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.807030	52.50549	.2756330	.0184047	7.917571	.3548934	.5230171
Stddev	.002443	.12602	.0007392	.0003063	.051550	.0035533	.0003251
%RSD	.0420678	.2400153	.2681640	1.664530	.6510792	1.001241	.0621550
#1	5.809284	52.37287	.2748434	.0184214	7.895115	.3536368	.5231001
#2	5.804434	52.51992	.2763084	.0187023	7.976539	.3589043	.5232926
#3	5.807372	52.62367	.2757473	.0180903	7.881058	.3521391	.5226585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.06196	4.872240	.1167369	-.001244	1.052031	3.690017	.0112811
Stddev	.11867	.015651	.0021728	.000287	.004367	.024514	.0009679
%RSD	.6955362	.3212258	1.861252	23.02843	.4151090	.6643338	8.579453
#1	17.04920	4.856497	.1145918	-.000919	1.047237	3.683399	.0121862
#2	16.95018	4.887797	.1166825	-.001460	1.055782	3.717160	.0113963
#3	17.18649	4.872426	.1189363	-.001354	1.053074	3.669491	.0102608

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-05 Acquired: 6/19/2025 16:13:38 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.705200**	**.2338610**	**.1558496**
Stddev	.027237	.0031472	.0004902
%RSD	.5788699	1.345774	.3145608
#1	4.676335	.2357007	.1553347
#2	4.708818	.2302269	.1563108
#3	4.730448	.2356552	.1559032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4069.074**	**43024.92**	**3577.742**	**4508.509**	**4273.804**
Stddev	8.248	72.47	20.407	8.005	9.413
%RSD	.2027104	.1684459	.5703751	.1775478	.2202428
#1	4071.331	43086.42	3594.252	4516.404	4281.474
#2	4075.959	43043.32	3554.927	4508.724	4276.638
#3	4059.932	42945.02	3584.047	4500.399	4263.300

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01 Acquired: 6/19/2025 16:18:01 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950166	-.030456	.2551924	.0331488	.0149858	94.08514	.7462713
Stddev	.0005526	.002861	.0025644	.0017371	.0007204	.11776	.0035078
%RSD	.5816237	9.393092	1.004868	5.240417	4.807004	.1251619	.4700397
#1	.0956545	-.027688	.2523982	.0348958	.0158169	94.06357	.7484376
#2	.0946828	-.030279	.2557411	.0314217	.0145999	94.21219	.7481521
#3	.0947126	-.033401	.2574381	.0331289	.0145406	93.97966	.7422242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147502	.0024034	22.54971	.2066490	.1512475	.5577431	230.0844
Stddev	.0001256	.0000968	.04405	.0007155	.0002696	.0048581	.1860
%RSD	.8517600	4.026031	.1953555	.3462354	.1782671	.8710223	.0808369
#1	.0146570	.0024891	22.57101	.2060956	.1515169	.5620843	230.1141
#2	.0148931	.0022985	22.57907	.2063945	.1512481	.5586491	230.2537
#3	.0147005	.0024227	22.49906	.2074570	.1509776	.5524957	229.8853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.905332	54.97621	.2618176	.0126813	15.20119	.3758298	.6731127
Stddev	.008801	.14677	.0008625	.0001820	.14854	.0044817	.0035194
%RSD	.1490397	.2669619	.3294321	1.435042	.9771351	1.192478	.5228502
#1	5.906346	55.10720	.2617741	.0127643	15.35086	.3803426	.6755218
#2	5.913582	55.00383	.2609777	.0124727	15.19888	.3757669	.6747424
#3	5.896067	54.81759	.2627010	.0128071	15.05382	.3713799	.6690738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.75790	11.65989	.0988414	-.001295	.3352528	4.986634	.0135614
Stddev	.24339	.00375	.0030278	.000265	.0048186	.043923	.0005646
%RSD	1.231878	.0321821	3.063260	20.43228	1.437290	.8808162	4.163010
#1	19.91963	11.66021	.0953897	-.001100	.3296898	5.028627	.0135238
#2	19.87608	11.66347	.1000862	-.001189	.3381241	4.990269	.0130166
#3	19.47798	11.65599	.1010484	-.001596	.3379447	4.941007	.0141438

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01 Acquired: 6/19/2025 16:18:01 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.854782**	**.1943152**	**.0975892**
Stddev	.023473	.0036614	.0002691
%RSD	.4009176	1.884246	.2757213
#1	5.870577	.1925109	.0978943
#2	5.865961	.1985285	.0974878
#3	5.827810	.1919060	.0973856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4428.636**	**47195.51**	**3932.428**	**4955.695**	**4222.749**
Stddev	11.123	136.91	26.082	8.748	13.345
%RSD	.2511558	.2900993	.6632429	.1765260	.3160181
#1	4436.185	47104.85	3903.840	4945.593	4235.703
#2	4433.861	47353.01	3938.517	4960.731	4223.500
#3	4415.863	47128.69	3954.926	4960.760	4209.045

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2340-04 Acquired: 6/19/2025 16:22:25 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.012225**	**.0096433**	**.0064863**	**-.006309**	**.0010937**	**.0615717**	**.2052717**
Stddev	.003332	.0035614	.0014523	.001791	.0023148	.0108771	.0040783
%RSD	27.25737	36.93118	22.39030	28.39407	211.6449	17.66578	1.986791
#1	-.014818	.0102038	.0081627	-.008052	.0001976	.0490127	.2008862
#2	-.013391	.0058349	.0056117	-.004473	.0037227	.0679741	.2059783
#3	-.008467	.0128912	.0056844	-.006402	-.000639	.0677284	.2089505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001108**	**.0001396**	**54.61855**	**-.000466**	**.0138550**	**.0049446**	**.0435670**
Stddev	.0001328	.0000276	.93426	.000434	.0001261	.0003680	.0076834
%RSD	119.8199	19.78984	1.710527	93.03230	.9104593	7.442884	17.63581
#1	.0002583	.0001707	53.55802	-.000609	.0137419	.0045679	.0358020
#2	.0000009	.0001300	54.97764	-.000811	.0139910	.0053032	.0511661
#3	.0000732	.0001180	55.31999	.000021	.0138320	.0049626	.0437329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0636087**	**4.829393**	**-.000834**	**-.000942**	**261.2535**	**.0082514**	**.1234584**
Stddev	.0014060	.173379	.000364	.000820	2.2653	.0090879	.0006845
%RSD	2.210440	3.590074	43.60381	87.02371	.8670954	110.1377	.5544291
#1	.0621366	4.630309	-.000808	-.000050	258.6630	.0093955	.1230793
#2	.0637517	4.910649	-.000484	-.001115	262.2347	.0167130	.1230472
#3	.0649378	4.947220	-.001211	-.001662	262.8627	-.001354	.1242485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.548589**	**.0702434**	**.0397558**	**-.005796**	**.6644369**	**1.327723**	**.0007830**
Stddev	.021341	.0027977	.0009478	.000659	.0060503	.020606	.0007671
%RSD	1.378083	3.982911	2.383961	11.36218	.9105931	1.551953	97.97313
#1	1.524078	.0670147	.0390946	-.005124	.6628652	1.305299	.0010012
#2	1.563042	.0717617	.0408416	-.006440	.6593275	1.345825	.0014174
#3	1.558647	.0719537	.0393312	-.005824	.6711179	1.332044	-.000070

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2340-04 Acquired: 6/19/2025 16:22:25 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003161	.0185988	.2889065
Stddev	.000990	.0044740	.0043415
%RSD	31.33015	24.05550	1.502727
#1	-.002221	.0161180	.2841253
#2	-.003068	.0237636	.2899919
#3	-.004195	.0159147	.2926023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.072	34114.55	2873.687	3580.133	4196.293
Stddev	10.817	103.56	39.199	9.942	4.553
%RSD	.3389699	.3035593	1.364064	.2776855	.1084991
#1	3178.605	34005.43	2918.088	3582.420	4191.130
#2	3196.644	34211.47	2843.873	3588.732	4199.734
#3	3197.966	34126.76	2859.100	3569.248	4198.013

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-01 Acquired: 6/19/2025 16:26:58 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005079**	**.0144460**	**.1564659**	**-.004865**	**.0075854**	**9.183276**
Stddev	.001264	.0044473	.0019558	.001647	.0012952	.033423
%RSD	24.88187	30.78549	1.249967	33.84300	17.07440	.3639496
#1	-.003806	.0142186	.1586708	-.006124	.0089772	9.169900
#2	-.006333	.0101167	.1557865	-.005470	.0064155	9.221314
#3	-.005097	.0190025	.1549404	-.003002	.0073636	9.158612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2026199**	**.0008878**	**.0008266**	**122.7057**	**.0311205**	**.0258455**
Stddev	.0010420	.0001453	.0000545	.3442	.0016117	.0004354
%RSD	.5142851	16.37000	6.594940	.2805167	5.178949	1.684611
#1	.2014947	.0007366	.0008435	122.8913	.0301177	.0260438
#2	.2028133	.0010264	.0007656	122.9173	.0302641	.0261464
#3	.2035517	.0009004	.0008707	122.3086	.0329796	.0253462

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1566876**	**35.92347**	**.6792031**	**19.65643**	**.0223186**	**.0027384**
Stddev	.0009626	.09998	.0012137	.01954	.0001633	.0005321
%RSD	.6143658	.2783251	.1786999	.0993830	.7316981	19.43196
#1	.1575404	35.98171	.6804577	19.67370	.0225065	.0023270
#2	.1568787	35.98067	.6791167	19.66037	.0222393	.0025487
#3	.1556438	35.80802	.6780349	19.63523	.0222102	.0033393

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.11085**	**.0242885**	**.9640750**	**16.53485**	**4.577848**	**.0831372**
Stddev	.27135	.0035721	.0048184	.08296	.006311	.0009308
%RSD	.6600386	14.70686	.4997979	.5017343	.1378643	1.119638
#1	41.35235	.0273807	.9612274	16.62995	4.580236	.0821108
#2	41.16299	.0203784	.9696383	16.47732	4.582617	.0839267
#3	40.81722	.0251063	.9613594	16.49729	4.570691	.0833742

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-01 Acquired: 6/19/2025 16:26:58 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013098	6.737367	F 21.37390	.0056262	.4415502	.0365581
Stddev	.0005091	.011653	.22324	.0012915	.0041560	.0056108
%RSD	38.86768	.1729547	1.044436	22.95549	.9412179	15.34775
#1	.0017036	6.724392	21.60286	.0069941	.4463434	.0337729
#2	.0007349	6.746941	21.36196	.0054567	.4393560	.0328849
#3	.0014909	6.740767	21.15687	.0044278	.4389512	.0430167

Elem	Sr4077
Units	ppm
Avg	.3326094
Stddev	.0008313
%RSD	.2499273
#1	.3318759
#2	.3335123
#3	.3324399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.341	36242.19	2959.036	3769.563	4453.031
Stddev	12.085	77.42	18.232	9.061	17.825
%RSD	.3610424	.2136102	.6161425	.2403799	.4002793
#1	3340.710	36242.12	2947.599	3775.554	4443.421
#2	3340.022	36164.80	2949.447	3759.139	4442.073
#3	3361.290	36319.64	2980.061	3773.997	4473.598

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV02 Acquired: 6/19/2025 16:31:25 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.872613**	**5.034472**	**4.905236**	**5.024787**	**5.064981**	**10.64069**	**10.66764**
Stddev	.006960	.010944	.006894	.003683	.002187	.79263	.78977
%RSD	.1428452	.2173727	.1405361	.0732878	.0431856	7.449069	7.403387
#1	4.873333	5.046814	4.905483	5.027343	5.062610	11.55159	11.57280
#2	4.865320	5.030650	4.898221	5.020566	5.065411	10.26241	10.31125
#3	4.879185	5.025953	4.912002	5.026453	5.066921	10.10806	10.11887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2744204**	**2.475804**	**26.59866**	**1.021891**	**2.462741**	**1.367208**	**5.289853**
Stddev	.0168231	.000428	2.05410	.019639	.001293	.083129	.460556
%RSD	6.130414	.0172915	7.722569	1.921846	.0524901	6.080202	8.706409
#1	.2931228	2.476210	28.95378	1.038900	2.463819	1.460188	5.819476
#2	.2696170	2.475845	25.66480	1.026377	2.463095	1.341368	5.066708
#3	.2605214	2.475357	25.17740	1.000398	2.461308	1.300068	4.983374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.659460**	**26.54436**	**2.475484**	**1.277152**	**26.83124**	**2.643994**	**2.554517**
Stddev	.207363	1.97406	.002588	.026070	1.65132	.195801	.053264
%RSD	7.797168	7.436852	.1045504	2.041250	6.154470	7.405513	2.085104
#1	2.897241	28.82010	2.478094	1.302724	28.66805	2.868181	2.604909
#2	2.564948	25.51911	2.472918	1.278122	26.35607	2.557258	2.559858
#3	2.516191	25.29387	2.475440	1.250611	25.46961	2.506542	2.498783

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**26.93535**	**4.964029**	**5.409069**	**5.084561**	**5.007962**	**5.419116**	**4.955551**
Stddev	1.51942	.005206	.335155	.002480	.009203	.326780	.001721
%RSD	5.640989	.1048686	6.196171	.0487746	.1837635	6.030137	.0347271
#1	28.63263	4.969188	5.785746	5.085703	4.998331	5.783373	4.955340
#2	26.47151	4.964121	5.297639	5.081715	5.008887	5.322268	4.953946
#3	25.70192	4.958778	5.143821	5.086263	5.016667	5.151707	4.957368

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV02 Acquired: 6/19/2025 16:31:25 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.291534**	**5.486650**	**5.362667**
Stddev	.402441	.411957	.397481
%RSD	7.605367	7.508355	7.411995
#1	5.751523	5.959056	5.817788
#2	5.118688	5.298746	5.186484
#3	5.004391	5.202147	5.083729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3268.178**	**34872.67**	**2711.442**	**3625.455**	**4337.258**
Stddev	4.939	598.01	157.836	70.986	6.350
%RSD	.1511249	1.714853	5.821124	1.957989	.1464099
#1	3262.535	34322.82	2535.777	3559.003	4329.984
#2	3271.717	34785.83	2757.216	3617.122	4341.696
#3	3270.281	35509.36	2841.332	3700.239	4340.093

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB02 Acquired: 6/19/2025 16:35:41 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010753**	**.0002108**	**-.000594**	**.0045728**	**-.000679**	**.0002177**
Stddev	.0012963	.0012202	.000962	.0030479	.000802	.0439333
%RSD	120.5510	578.8045	161.7668	66.65307	118.1516	20180.56
#1	.0025004	-.000834	-.000348	.0054668	-.001432	-.037705
#2	-.000034	-.000085	.000220	.0070738	-.000769	-.010002
#3	.000759	.001552	-.001655	.0011779	.000164	.048360

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021877**	**.0002471**	**.0000415**	**-.004500**	**-.000190**	**.0001796**
Stddev	.0006360	.0000615	.0000430	.004413	.000865	.0001234
%RSD	29.07230	24.88001	103.4926	98.06603	454.9409	68.70752
#1	.0021802	.0003181	.0000492	-.000918	.000197	.0000897
#2	.0028274	.0002095	-.000005	-.009429	-.001181	.0001288
#3	.0015555	.0002137	.000080	-.003153	.000414	.0003203

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000693**	**.0054119**	**-.001124**	**.0033093**	**.0001235**	**-.000541**
Stddev	.000648	.0254272	.001006	.0301609	.0005119	.000900
%RSD	93.56332	469.8361	89.47746	911.3918	414.6071	166.2754
#1	-.001437	-.013428	-.000012	.0141264	.0003014	-.001464
#2	-.000392	.034334	-.001389	-.030768	-.000454	-.000495
#3	-.000250	-.004670	-.001971	.026570	.000523	.000335

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0666681**	**.0060966**	**-.000750**	**.0063894**	**-.000064**	**.0138955**
Stddev	.0097710	.0060716	.000801	.0005894	.001690	.0008004
%RSD	14.65619	99.58944	106.6805	9.224174	2646.011	5.760375
#1	.0627819	.0050694	-.000952	.0057144	-.001020	.0148197
#2	.0594382	.0006042	.000132	.0068020	.001887	.0134231
#3	.0777843	.0126163	-.001431	.0066517	-.001059	.0134437

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB02 Acquired: 6/19/2025 16:35:41 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005650	.0023562	.0006486	.0000847	-.003983	F .0532445
Stddev	.0001926	.0019931	.0008309	.0005366	.001796	.0027196
%RSD	34.09776	84.58832	128.1178	633.1915	45.07936	5.107781
#1	.0005729	.0017461	.0005938	.0003289	-.005870	.0508648
#2	.0007535	.0007395	-.000154	-.000531	-.002295	.0526598
#3	.0003685	.0045830	.001506	.000456	-.003785	.0562089

Elem	Sr4077
Units	ppm
Avg	.0000666
Stddev	.0000397
%RSD	59.64941
#1	.0000805
#2	.0000218
#3	.0000974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.303	36696.80	2891.042	3799.425	4920.450
Stddev	10.276	260.06	13.954	17.581	16.161
%RSD	.3047245	.7086725	.4826489	.4627152	.3284518
#1	3372.075	36451.61	2903.621	3781.150	4922.136
#2	3382.691	36669.25	2876.033	3800.907	4935.702
#3	3362.142	36969.54	2893.473	3816.218	4903.512

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02 Acquired: 6/19/2025 16:40:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006325**	**.0130183**	**.1337453**	**-.004742**	**.0064065**	**7.540376**
Stddev	.001004	.0014685	.0028329	.003170	.0015423	.007021
%RSD	15.87045	11.28045	2.118116	66.85151	24.07345	.0931166
#1	-.006601	.0115473	.1311088	-.003455	.0062612	7.533139
#2	-.005212	.0130233	.1367404	-.008353	.0080164	7.540831
#3	-.007162	.0144844	.1333869	-.002418	.0049421	7.547159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1679047**	**.0006871**	**.0008209**	**101.7734**	**.0318350**	**.0239346**
Stddev	.0016801	.0000268	.0000817	.4660	.0005791	.0002883
%RSD	1.000595	3.894800	9.956072	.4578432	1.819196	1.204722
#1	.1665654	.0007147	.0007621	101.3015	.0324564	.0236128
#2	.1673590	.0006613	.0009143	101.7857	.0313103	.0241696
#3	.1697898	.0006855	.0007864	102.2332	.0317383	.0240214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1287584**	**28.17279**	**.5197263**	**19.55554**	**.0229739**	**.0028631**
Stddev	.0013240	.08638	.0030407	.10047	.0004165	.0004313
%RSD	1.028296	.3066222	.5850625	.5137613	1.812864	15.06267
#1	.1272407	28.09465	.5162895	19.45052	.0230639	.0033534
#2	.1293574	28.15816	.5220671	19.65074	.0233380	.0025426
#3	.1296770	28.26555	.5208223	19.56535	.0225198	.0026932

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**48.13740**	**.0266793**	**.8121785**	**13.33475**	**3.843613**	**.0823959**
Stddev	.37569	.0011065	.0046218	.09855	.086170	.0007636
%RSD	.7804546	4.147426	.5690657	.7390461	2.241894	.9267329
#1	47.70641	.0277351	.8124141	13.22161	3.792683	.0831468
#2	48.31016	.0267745	.8166780	13.38081	3.943103	.0824206
#3	48.39565	.0255282	.8074434	13.40184	3.795051	.0816202

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02 Acquired: 6/19/2025 16:40:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001692	6.317555	F 19.74470	.0038963	.3672560	.0327510
Stddev	.0009732	.154098	.13617	.0011320	.0063965	.0064925
%RSD	575.0108	2.439209	.6896574	29.05210	1.741696	19.82395
#1	-.000733	6.220459	19.58775	.0029157	.3743567	.0336000
#2	.000041	6.495237	19.81509	.0036383	.3654662	.0387772
#3	.001200	6.236968	19.83128	.0051350	.3619450	.0258757

Elem	Sr4077
Units	ppm
Avg	.2907234
Stddev	.0016996
%RSD	.5846111
#1	.2888425
#2	.2911790
#3	.2921488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.215	35719.33	2922.262	3741.887	4370.408
Stddev	64.620	246.13	17.512	29.756	91.016
%RSD	1.969395	.6890777	.5992566	.7952024	2.082541
#1	3307.386	35537.91	2942.220	3723.866	4414.462
#2	3207.615	35620.58	2909.465	3725.563	4265.747
#3	3328.645	35999.50	2915.101	3776.232	4431.013

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV03 Acquired: 6/19/2025 16:44:40 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.006771**	**5.155195**	**5.040742**	**5.158038**	**5.189435**	**10.27167**	**10.30118**
Stddev	.007975	.004917	.006978	.004934	.009916	.06467	.04561
%RSD	.1592793	.0953890	.1384301	.0956643	.1910884	.6295798	.4427241
#1	4.998306	5.153758	5.045535	5.161544	5.190508	10.25534	10.35384
#2	5.007865	5.160670	5.043954	5.152395	5.179027	10.34294	10.27549
#3	5.014143	5.151155	5.032736	5.160175	5.198772	10.21673	10.27422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2630344**	**2.543783**	**25.64561**	**1.031204**	**2.537863**	**1.311040**	**5.128865**
Stddev	.0025489	.002644	.07827	.001471	.001937	.011751	.031814
%RSD	.9690406	.1039451	.3052126	.1426719	.0763289	.8963331	.6202838
#1	.2605464	2.541386	25.70290	1.031103	2.537603	1.303337	5.103435
#2	.2656402	2.543344	25.67751	1.029786	2.539917	1.324566	5.164538
#3	.2629167	2.546619	25.55642	1.032723	2.536070	1.305217	5.118621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.552994**	**25.68318**	**2.542894**	**1.283731**	**25.90199**	**2.562302**	**2.560399**
Stddev	.004601	.16899	.000412	.000636	.17480	.017226	.010838
%RSD	.1802163	.6579681	.0162009	.0495157	.6748329	.6722741	.4232973
#1	2.553413	25.57732	2.542766	1.284464	25.76578	2.571969	2.548184
#2	2.557371	25.87807	2.542561	1.283344	26.09909	2.572523	2.564148
#3	2.548198	25.59415	2.543354	1.283384	25.84111	2.542414	2.568865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.92851**	**5.107187**	**5.189693**	**5.200039**	**5.057831**	**5.210748**	**5.091752**
Stddev	.16709	.008227	.057380	.012493	.000728	.051844	.002515
%RSD	.6444326	.1610844	1.105643	.2402523	.0143851	.9949381	.0494014
#1	25.78566	5.103874	5.143009	5.196038	5.058072	5.165995	5.089981
#2	26.11225	5.101134	5.253752	5.190036	5.057013	5.267558	5.090644
#3	25.88762	5.116554	5.172318	5.214042	5.058407	5.198692	5.094632

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV03 Acquired: 6/19/2025 16:44:40 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.095646**	**5.270149**	**5.178777**
Stddev	.032993	.012510	.019023
%RSD	.6474819	.2373720	.3673328
#1	5.133506	5.265925	5.200139
#2	5.073038	5.284224	5.163665
#3	5.080395	5.260298	5.172527

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3189.343**	**34305.08**	**2789.238**	**3593.906**	**4216.029**
Stddev	5.202	173.05	12.612	24.004	11.707
%RSD	.1630945	.5044571	.4521700	.6678990	.2776813
#1	3184.836	34266.99	2802.885	3594.125	4208.926
#2	3188.159	34494.01	2778.012	3617.800	4209.619
#3	3195.035	34154.25	2786.816	3569.794	4229.541

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB03 Acquired: 6/19/2025 16:48:55 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007820**	**.0014988**	**.0004688**	**.0023298**	**.0009060**	**-.007051**
Stddev	.0023948	.0035976	.0006486	.0023245	.0009558	.014140
%RSD	306.2531	240.0273	138.3587	99.77296	105.4893	200.5403
#1	.0035286	.0020502	-.000149	.0042472	.0015090	-.004316
#2	-.000313	-.002343	.001145	-.000256	-.000196	.005522
#3	-.000870	.004789	.000411	.002998	.001405	-.022358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021527**	**.0001274**	**.0001386**	**.0193452**	**-.000143**	**.0003205**
Stddev	.0008150	.0000528	.0000468	.0096571	.000719	.0003379
%RSD	37.85833	41.43339	33.79903	49.91976	501.7611	105.4281
#1	.0015178	.0001266	.0001889	.0114900	-.000973	.0003428
#2	.0018686	.0000750	.0001308	.0301271	.000310	.0006466
#3	.0030717	.0001806	.0000962	.0164186	.000233	-.000028

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005320**	**.0085727**	**.0006130**	**.0060442**	**.0005054**	**-.000023**
Stddev	.0006509	.0105440	.0005985	.0328887	.0006021	.000413
%RSD	122.3446	122.9957	97.62934	544.1393	119.1187	1763.468
#1	-.000177	.0200408	.0013040	.0116867	.0011947	.000415
#2	.000670	.0063796	.0002798	.0357465	.0000823	-.000078
#3	.001103	-.000702	.0002553	-.029301	.0002393	-.000407

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0926572**	**.0075932**	**.0051430**	**.0240990**	**.0016684**	**.0192340**
Stddev	.0107480	.0047637	.0001799	.0100263	.0014780	.0017415
%RSD	11.59975	62.73633	3.497006	41.60464	88.58461	9.054367
#1	.0985415	.0130837	.0053215	.0129572	.0001842	.0172699
#2	.0802519	.0045591	.0051457	.0323942	.0031400	.0205897
#3	.0991782	.0051368	.0049618	.0269455	.0016811	.0198424

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB03 Acquired: 6/19/2025 16:48:55 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003514	.0069894	.0131894	.0006958	-.004419	F .0655032
Stddev	.0005613	.0036586	.0046625	.0004563	.000688	.0061128
%RSD	159.7455	52.34454	35.35045	65.58021	15.57393	9.332103
#1	.0003362	.0107023	.0079288	.0002765	-.003657	.0625700
#2	-.000202	.0033878	.0168115	.0011818	-.004604	.0725298
#3	.000920	.0068780	.0148278	.0006292	-.004995	.0614098

Elem	Sr4077
Units	ppm
Avg	.0002802
Stddev	.0002410
%RSD	86.03574
#1	.0002871
#2	.0000357
#3	.0005177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.598	36325.73	2942.257	3777.528	4842.714
Stddev	3.314	199.88	380.636	32.404	5.076
%RSD	.0990386	.5502466	12.93688	.8578071	.1048197
#1	3343.555	36387.11	3360.939	3801.538	4838.006
#2	3346.109	36102.35	2617.103	3740.671	4842.043
#3	3350.130	36487.72	2848.727	3790.376	4848.092

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02DUP Acquired: 6/19/2025 16:53:24 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004393**	**.0141828**	**.1289823**	**-.002660**	**.0062941**	**7.419693**
Stddev	.002940	.0015554	.0015674	.000688	.0024735	.570521
%RSD	66.91812	10.96667	1.215173	25.87079	39.29919	7.689277
#1	-.003984	.0146853	.1282980	-.002973	.0034385	6.855520
#2	-.001679	.0124383	.1278734	-.003136	.0076713	7.996356
#3	-.007516	.0154247	.1307754	-.001871	.0077724	7.407204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1796568**	**.0006018**	**.0006975**	**111.6160**	**.0250595**	**.0237835**
Stddev	.0133228	.0001244	.0001020	8.1912	.0006191	.0001332
%RSD	7.415683	20.67732	14.61952	7.338758	2.470472	.5600824
#1	.1670000	.0004847	.0007926	103.7509	.0245835	.0236541
#2	.1935582	.0007325	.0005898	120.0984	.0257594	.0237762
#3	.1784122	.0005882	.0007101	110.9989	.0248357	.0239202

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1176396**	**29.69990**	**.5642070**	**21.17513**	**.0206990**	**.0022024**
Stddev	.0088779	2.20015	.0395936	1.68243	.0001341	.0007732
%RSD	7.546680	7.407926	7.017567	7.945318	.6479364	35.10580
#1	.1094787	27.50748	.5252541	19.54095	.0206861	.0013097
#2	.1270928	31.90769	.6044117	22.90198	.0205718	.0026381
#3	.1163473	29.68452	.5629551	21.08246	.0208391	.0026595

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**52.35951**	**.0266438**	**.8343285**	**14.38483**	**3.934981**	**.0902006**
Stddev	3.55350	.0072961	.0057971	1.07448	.003466	.0060397
%RSD	6.786726	27.38401	.6948193	7.469558	.0880750	6.695809
#1	48.99402	.0235157	.8405109	13.38671	3.933454	.0838868
#2	56.07509	.0349824	.8334598	15.52212	3.938948	.0959225
#3	52.00941	.0214332	.8290148	14.24566	3.932541	.0907927

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02DUP Acquired: 6/19/2025 16:53:24 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000638	6.366899	F 19.71943	.0042236	.3405067	.0314580
Stddev	.0003117	.009284	1.29595	.0001794	.0254992	.0067736
%RSD	488.7675	.1458118	6.571963	4.246517	7.488599	21.53209
#1	.0003211	6.358734	18.48503	.0043755	.3162447	.0380810
#2	.0001530	6.364967	21.06922	.0040257	.3670850	.0317496
#3	-.000283	6.376997	19.60403	.0042696	.3381905	.0245433

Elem	Sr4077
Units	ppm
Avg	.3209425
Stddev	.0235763
%RSD	7.345949
#1	.2983563
#2	.3453976
#3	.3190735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.171	35369.32	2870.006	3709.048	4387.364
Stddev	9.209	122.41	198.157	19.550	8.964
%RSD	.2791189	.3460918	6.904410	.5270883	.2043129
#1	3297.087	35310.95	3062.331	3694.223	4390.540
#2	3309.243	35287.01	2666.491	3701.718	4394.308
#3	3291.183	35509.99	2881.195	3731.204	4377.245

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02LX5 Acquired: 6/19/2025 16:57:51 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004053**	**.0036452**	**.0286860**	**-.002209**	**.0049541**	**1.574754**	**.0361440**
Stddev	.001948	.0004370	.0014441	.002463	.0016775	.033441	.0003746
%RSD	48.05252	11.98952	5.034341	111.4796	33.86168	2.123581	1.036369
#1	-.006118	.0038981	.0271708	-.004477	.0041786	1.591808	.0365703
#2	-.003793	.0038969	.0300467	.000410	.0068791	1.536224	.0359944
#3	-.002249	.0031405	.0288406	-.002560	.0038046	1.596231	.0358674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003051**	**.0001313**	**21.65946**	**.0064328**	**.0095725**	**.0267432**	**6.003917**
Stddev	.0001654	.0000933	.03634	.0002418	.0001322	.0007056	.022372
%RSD	54.18903	71.00403	.1677586	3.759019	1.381113	2.638271	.3726242
#1	.0004876	.0002216	21.69162	.0061630	.0095465	.0275576	5.993441
#2	.0002627	.0001371	21.62004	.0065055	.0094553	.0263557	5.988704
#3	.0001652	.0000354	21.66671	.0066299	.0097158	.0263163	6.029604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1094584**	**4.243327**	**.0032944**	**.0002019**	**10.18914**	**.0090632**	**.1695208**
Stddev	.0013137	.048335	.0000829	.0001664	.07986	.0032721	.0006097
%RSD	1.200212	1.139091	2.517011	82.45447	.7837875	36.10277	.3596585
#1	.1098826	4.292317	.0033836	.0003747	10.27920	.0083756	.1697859
#2	.1079849	4.241992	.0032197	.0001882	10.12697	.0061896	.1688234
#3	.1105076	4.195673	.0032799	.0000426	10.16123	.0126245	.1699530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.325500**	**.7576707**	**.0224791**	**-.001610**	**1.260529**	**4.270650**	**.0004479**
Stddev	.010979	.0063512	.0008307	.000126	.012619	.024938	.0002406
%RSD	.4721016	.8382547	3.695200	7.809774	1.001127	.5839317	53.71526
#1	2.337148	.7635561	.0228140	-.001673	1.274781	4.299365	.0005095
#2	2.315343	.7585175	.0215333	-.001691	1.256031	4.258155	.0001825
#3	2.324011	.7509387	.0230901	-.001465	1.250774	4.254429	.0006518

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02LX5 Acquired: 6/19/2025 16:57:51 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0735130	.0513903	.0620121
Stddev	.0030940	.0019478	.0002382
%RSD	4.208736	3.790144	.3841769
#1	.0763766	.0492013	.0622278
#2	.0739314	.0529320	.0620522
#3	.0702312	.0520376	.0617564

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.245	36613.88	2948.159	3810.360	4753.778
Stddev	14.955	182.93	17.218	22.029	24.838
%RSD	.4376462	.4996161	.5840151	.5781287	.5224835
#1	3400.506	36411.51	2929.749	3796.016	4725.543
#2	3421.935	36767.49	2963.864	3835.724	4763.536
#3	3429.293	36662.63	2950.864	3799.340	4772.255

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02MS Acquired: 6/19/2025 17:02:14 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7689231	1.958365	1.077308	1.735017	.7853643	9.638230
Stddev	.0038142	.005841	.002521	.004921	.0045567	.049429
%RSD	.4960437	.2982422	.2340229	.2836148	.5801994	.5128419
#1	.7688314	1.961865	1.079507	1.730724	.7831503	9.587175
#2	.7651556	1.951623	1.077860	1.733940	.7823377	9.641660
#3	.7727824	1.961608	1.074556	1.740387	.7906049	9.685854

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3765013	.2098651	.1981539	111.4000	.4323200	.2235319
Stddev	.0007081	.0010149	.0001644	.5592	.0005594	.0007706
%RSD	.1880754	.4835809	.0829639	.5019923	.1293869	.3447344
#1	.3761380	.2086983	.1981426	110.8768	.4324613	.2239934
#2	.3773174	.2105428	.1979954	111.3337	.4327952	.2226423
#3	.3760486	.2103542	.1983236	111.9894	.4317036	.2239599

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4269652	32.15844	.7577519	22.94235	.5204495	.0519595
Stddev	.0026488	.22536	.0054974	.19018	.0012093	.0007106
%RSD	.6203671	.7007852	.7254852	.8289454	.2323533	1.367666
#1	.4244531	31.98046	.7537866	22.96915	.5210306	.0520855
#2	.4297322	32.08301	.7554417	22.74019	.5190594	.0511943
#3	.4267102	32.41184	.7640274	23.11770	.5212587	.0525987

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.24297	.3306662	.9952427	25.35023	9.646246	.3655705
Stddev	.18004	.0024731	.0065347	.15092	.006398	.0004163
%RSD	.3259042	.7479044	.6565892	.5953561	.0663227	.1138751
#1	55.16500	.3332973	1.001630	25.25394	9.652847	.3651034
#2	55.44885	.3283894	.995528	25.52417	9.645818	.3657058
#3	55.11506	.3303118	.988570	25.27259	9.640073	.3659024

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02MS Acquired: 6/19/2025 17:02:14 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4121391**	**6.226273**	F **21.35125**	**.5168853**	**.5431743**	**.2373341**
Stddev	.0010980	.012859	.05636	.0011406	.0026972	.0058913
%RSD	.2664071	.2065332	.2639852	.2206696	.4965546	2.482271
#1	.4134019	6.232838	21.29637	.5181553	.5454595	.2366681
#2	.4116059	6.211456	21.40899	.5159480	.5401992	.2435301
#3	.4114096	6.234524	21.34841	.5165528	.5438643	.2318042

Elem	Sr4077
Units	ppm
Avg	**.5170652**
Stddev	.0028235
%RSD	.5460591
#1	.5139635
#2	.5177462
#3	.5194859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3340.250**	**35655.79**	**2904.828**	**3771.223**	**4414.501**
Stddev	4.211	47.88	10.737	22.417	4.602
%RSD	.1260619	.1342794	.3696362	.5944294	.1042400
#1	3340.607	35603.09	2916.280	3749.050	4413.243
#2	3344.271	35667.68	2894.988	3770.742	4419.601
#3	3335.872	35696.61	2903.217	3793.877	4410.659

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02MSD Acquired: 6/19/2025 17:06:31 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8291307**	**2.088886**	**1.148961**	**1.862465**	**.8375832**	**10.47028**
Stddev	.0254275	.051085	.031837	.053611	.0228918	.05674
%RSD	3.066769	2.445546	2.770895	2.878502	2.733081	.5419556
#1	.8367776	2.088039	1.149873	1.866771	.8389539	10.44571
#2	.8498573	2.140388	1.180332	1.913794	.8597588	10.53517
#3	.8007572	2.038229	1.116678	1.806831	.8140368	10.42997

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4101649**	**.2294912**	**.2129467**	**120.7192**	**.4643227**	**.2388035**
Stddev	.0009950	.0010438	.0061464	.1566	.0170235	.0070389
%RSD	.2425872	.4548206	2.886356	.1296989	3.666306	2.947556
#1	.4113117	.2299828	.2131242	120.5711	.4446663	.2383098
#2	.4095311	.2301985	.2190024	120.8830	.4740108	.2460762
#3	.4096519	.2282924	.2067135	120.7035	.4742910	.2320245

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4660785**	**34.91929**	**.8192751**	**24.64279**	**.5590592**	**.0576080**
Stddev	.0016489	.08383	.0031669	.13182	.0162525	.0027978
%RSD	.3537894	.2400700	.3865504	.5349136	2.907116	4.856687
#1	.4656284	34.86547	.8156300	24.54560	.5608057	.0546560
#2	.4679058	34.87653	.8208435	24.79283	.5743679	.0602208
#3	.4647014	35.01588	.8213517	24.58994	.5420040	.0579473

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**59.34618**	**.3702469**	**1.083164**	**27.67418**	**10.29016**	**.3968929**
Stddev	.11650	.0019191	.034891	.22797	.27947	.0017704
%RSD	.1963018	.5183279	3.221233	.8237600	2.715886	.4460546
#1	59.40229	.3720629	1.043119	27.86580	10.29474	.3988024
#2	59.42400	.3682391	1.107023	27.73468	10.56731	.3953062
#3	59.21224	.3704387	1.099349	27.42207	10.00843	.3965701

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02MSD Acquired: 6/19/2025 17:06:31 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4376816	6.633807	F 22.95494	.5553567	.5872004	.2518989
Stddev	.0128218	.188164	.11015	.0175022	.0011596	.0015684
%RSD	2.929481	2.836448	.4798365	3.151529	.1974842	.6226415
#1	.4370830	6.632170	23.08055	.5569049	.5880776	.2517711
#2	.4507923	6.822784	22.90938	.5720334	.5858856	.2535274
#3	.4251697	6.446466	22.87488	.5371318	.5876379	.2503984

Elem	Sr4077
Units	ppm
Avg	.5648432
Stddev	.0009259
%RSD	.1639171
#1	.5642668
#2	.5643517
#3	.5659112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.578	36266.22	2909.905	3825.898	4487.533
Stddev	92.231	1106.18	24.190	105.322	120.309
%RSD	2.711427	3.050153	.8312901	2.752864	2.680969
#1	3398.110	37543.24	2883.716	3945.891	4479.543
#2	3311.130	35651.31	2914.587	3748.754	4371.418
#3	3495.495	35604.13	2931.411	3783.050	4611.639

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02A Acquired: 6/19/2025 17:10:49 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7537351**	**1.916838**	**1.056940**	**1.895245**	**.7948351**	**9.203460**
Stddev	.0063366	.001940	.004298	.001872	.0013914	.014275
%RSD	.8406953	.1012068	.4066548	.0987768	.1750513	.1551003
#1	.7486947	1.915620	1.054701	1.893519	.7963054	9.212304
#2	.7608486	1.915818	1.061895	1.894982	.7935391	9.211083
#3	.7516619	1.919075	1.054224	1.897235	.7946607	9.186992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3659985**	**.2043545**	**.1932456**	**103.7789**	**.4327262**	**.2177962**
Stddev	.0002062	.0012599	.0003442	.0937	.0016154	.0005281
%RSD	.0563373	.6165334	.1781168	.0902645	.3733084	.2424800
#1	.3657709	.2053673	.1928947	103.6754	.4308711	.2178098
#2	.3660519	.2047525	.1932595	103.8578	.4338225	.2183173
#3	.3661728	.2029436	.1935827	103.8036	.4334849	.2172614

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4338471**	**30.99582**	**.7231724**	**21.54602**	**.5094232**	**.0704145**
Stddev	.0023007	.05478	.0013838	.17640	.0004949	.0004989
%RSD	.5303089	.1767370	.1913499	.8187317	.0971398	.7085130
#1	.4360534	30.96525	.7233483	21.37165	.5088585	.0708184
#2	.4340256	31.05906	.7217091	21.72438	.5097809	.0698568
#3	.4314623	30.96315	.7244599	21.54202	.5096304	.0705683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**51.41699**	**.3303223**	**.9961718**	**23.96205**	**9.447530**	**.3573652**
Stddev	.18366	.0109087	.0048613	.12361	.008705	.0018935
%RSD	.3572026	3.302449	.4879947	.5158683	.0921436	.5298617
#1	51.58352	.3300476	.9973899	23.81955	9.437565	.3594968
#2	51.44746	.3195535	1.000308	24.02612	9.453653	.3567207
#3	51.22000	.3413658	.990817	24.04047	9.451373	.3558780

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2348-02A Acquired: 6/19/2025 17:10:49 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4031116	6.105292	F 19.91322	.6823756	.5385026	.2314138
Stddev	.0007498	.006016	.18784	.0025787	.0017493	.0027336
%RSD	.1860141	.0985348	.9433037	.3778931	.3248489	1.181262
#1	.4027110	6.098399	20.12467	.6805015	.5368629	.2315791
#2	.4026471	6.107995	19.84938	.6813089	.5403441	.2286014
#3	.4039767	6.109482	19.76562	.6853165	.5383007	.2340611

Elem	Sr4077
Units	ppm
Avg	.4920656
Stddev	.0002538
%RSD	.0515797
#1	.4919383
#2	.4923579
#3	.4919007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.577	35949.42	2936.076	3784.169	4466.108
Stddev	6.079	178.33	2.018	7.881	7.089
%RSD	.1806676	.4960565	.0687154	.2082682	.1587291
#1	3367.189	36147.34	2934.619	3792.398	4473.715
#2	3368.914	35899.69	2935.231	3776.689	4464.923
#3	3357.630	35801.24	2938.379	3783.420	4459.686

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2349-01 Acquired: 6/19/2025 17:15:06 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030760**	**.0159903**	**.2706908**	**-.002198**	**.0114695**	**15.72185**
Stddev	.0037031	.0031732	.0042985	.001739	.0014260	.04550
%RSD	120.3877	19.84429	1.587959	79.12869	12.43263	.2894022
#1	.0035074	.0182944	.2756431	-.003534	.0116931	15.74838
#2	.0065445	.0173054	.2685027	-.000231	.0127705	15.74786
#3	-.000824	.0123710	.2679266	-.002830	.0099450	15.66931

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3600434**	**.0014427**	**.0015032**	**215.2727**	**.0542125**	**.0355967**
Stddev	.0011139	.0001161	.0001540	.5226	.0004390	.0005478
%RSD	.3093877	8.048775	10.24328	.2427545	.8097576	1.538979
#1	.3587867	.0014191	.0016519	215.6371	.0541998	.0362002
#2	.3609094	.0013403	.0013445	215.5070	.0546577	.0354592
#3	.3604340	.0015689	.0015131	214.6739	.0537800	.0351308

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2465078**	**61.45377**	**1.157245**	**36.44387**	**.0467055**	**.0051579**
Stddev	.0018224	.41220	.006913	.11132	.0007173	.0000653
%RSD	.7392883	.6707554	.5973390	.3054659	1.535867	1.265897
#1	.2451221	61.53044	1.161178	36.55982	.0472745	.0051293
#2	.2458290	61.82226	1.161294	36.43396	.0458997	.0052326
#3	.2485721	61.00861	1.149263	36.33784	.0469422	.0051118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**92.24741**	**.0450883**	**1.731010**	**31.31532**	**8.314837**	**.1514996**
Stddev	.58026	.0028613	.006274	.39270	.141645	.0008160
%RSD	.6290269	6.345885	.3624354	1.254022	1.703525	.5386268
#1	91.92483	.0474865	1.731759	31.08877	8.473099	.1507738
#2	91.90012	.0419211	1.724395	31.08841	8.199954	.1523829
#3	92.91729	.0458571	1.736875	31.76877	8.271458	.1513420

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2349-01 Acquired: 6/19/2025 17:15:06 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066476	10.51136	F 37.67467	.0078449	.7309488	.0509061
Stddev	.0003779	.16469	.32023	.0004696	.0041676	.0058301
%RSD	5.685293	1.566736	.8499746	5.986319	.5701675	11.45259
#1	.0063246	10.69271	37.52496	.0073103	.7357063	.0574411
#2	.0070633	10.37113	37.45672	.0080338	.7279426	.0462386
#3	.0065549	10.47025	38.04232	.0081907	.7291974	.0490386

Elem	Sr4077
Units	ppm
Avg	.6309840
Stddev	.0009803
%RSD	.1553632
#1	.6298551
#2	.6314763
#3	.6316206

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.524	34960.08	2935.271	3704.579	4180.621
Stddev	44.753	176.61	13.141	5.709	63.995
%RSD	1.364611	.5051778	.4476988	.1541185	1.530748
#1	3228.935	34821.71	2945.046	3698.600	4109.392
#2	3313.950	34899.52	2940.435	3705.163	4233.269
#3	3295.687	35159.00	2920.332	3709.974	4199.203

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2349-04 Acquired: 6/19/2025 17:19:31 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017635	.0147835	.2647000	-.002846	.0127281	15.35445
Stddev	.0016829	.0013496	.0004426	.002518	.0035919	.07521
%RSD	95.43006	9.129278	.1671919	88.47599	28.22045	.4898328
#1	-.000157	.0143130	.2641901	-.000679	.0161907	15.30450
#2	.002468	.0163054	.2649252	-.002252	.0129740	15.31789
#3	.002979	.0137321	.2649846	-.005609	.0090195	15.44095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3658972	.0013166	.0016244	214.1193	.0521595	.0356869
Stddev	.0015610	.0002211	.0000181	1.2208	.0032612	.0003120
%RSD	.4266077	16.78891	1.113406	.5701614	6.252313	.8741238
#1	.3642184	.0010662	.0016428	212.7615	.0533921	.0354029
#2	.3673047	.0013991	.0016067	214.4701	.0546247	.0356370
#3	.3661684	.0014845	.0016236	215.1263	.0484616	.0360208

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2524233	60.71289	1.140140	36.08177	.0497952	.0047551
Stddev	.0010793	.33917	.005623	.16563	.0001381	.0003620
%RSD	.4275772	.5586405	.4932207	.4590522	.2773388	7.612767
#1	.2529851	60.39529	1.135888	35.89238	.0496969	.0045095
#2	.2531058	60.67325	1.138016	36.15337	.0497355	.0045849
#3	.2511790	61.07014	1.146516	36.19956	.0499531	.0051708

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.66121	.0528106	1.657527	30.71052	8.233265	.1506824
Stddev	.02596	.0058666	.063195	.21511	.004447	.0013524
%RSD	.0286313	11.10870	3.812615	.7004592	.0540166	.8975227
#1	90.68352	.0477253	1.694391	30.54364	8.230406	.1502000
#2	90.66739	.0592290	1.693633	30.63463	8.238389	.1522099
#3	90.63272	.0514776	1.584557	30.95329	8.231000	.1496374

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2349-04 Acquired: 6/19/2025 17:19:31 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069174	10.20028	F 36.26601	.0083434	.7148850	.0473042
Stddev	.0002990	.01031	.09692	.0013227	.0176311	.0079748
%RSD	4.323262	.1010516	.2672350	15.85309	2.466284	16.85859
#1	.0070331	10.18860	36.32458	.0093817	.7037462	.0392677
#2	.0065777	10.20811	36.15415	.0087944	.7352125	.0474290
#3	.0071412	10.20414	36.31931	.0068542	.7056965	.0552159

Elem	Sr4077
Units	ppm
Avg	.6265254
Stddev	.0027286
%RSD	.4355077
#1	.6234272
#2	.6285705
#3	.6275784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3294.472	35648.08	2949.378	3780.702	4209.536
Stddev	9.153	1184.18	17.546	120.863	13.041
%RSD	.2778321	3.321860	.5948932	3.196841	.3098032
#1	3301.327	34984.03	2961.901	3720.441	4221.212
#2	3298.013	34944.94	2956.910	3701.817	4211.934
#3	3284.078	37015.26	2929.324	3919.848	4195.463

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168511BS Acquired: 6/19/2025 17:23:56 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7341944**	**2.075202**	**.9722397**	**2.065467**	**.8371460**	**2.063916**	**.2097735**
Stddev	.0064827	.003733	.0036910	.001666	.0018533	.010259	.0013392
%RSD	.8829701	.1799012	.3796378	.0806614	.2213783	.4970432	.6383925
#1	.7333745	2.071329	.9752612	2.065226	.8384995	2.053077	.2108162
#2	.7410480	2.075497	.9733321	2.063934	.8350338	2.065196	.2082632
#3	.7281606	2.078778	.9681259	2.067240	.8379047	2.073474	.2102411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2178109**	**.1948383**	**1.096847**	**.4170988**	**.1992935**	**.3362826**	**3.319886**
Stddev	.0013815	.0001566	.011608	.0011313	.0003800	.0021000	.022816
%RSD	.6342748	.0803853	1.058322	.2712197	.1906644	.6244818	.6872656
#1	.2174392	.1948735	1.110163	.4180872	.1989864	.3380268	3.294235
#2	.2193402	.1946671	1.091513	.4173444	.1991757	.3368695	3.327505
#3	.2166532	.1949744	1.088864	.4158650	.1997185	.3339516	3.337918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2117066**	**2.156232**	**.4997695**	**.0759773**	**3.073250**	**.3035104**	**.2119060**
Stddev	.0005128	.036698	.0004298	.0005868	.023024	.0043203	.0009491
%RSD	.2422110	1.701956	.0859890	.7723067	.7491823	1.423427	.4479006
#1	.2120991	2.180734	.4999029	.0762823	3.094621	.3042894	.2127468
#2	.2111264	2.114040	.5001166	.0763488	3.076261	.3073882	.2108768
#3	.2118942	2.173924	.4992888	.0753009	3.048869	.2988537	.2120943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.961295**	**5.641653**	**.3174378**	**.4136375**	**.0082050**	**.9683626**	**.6831710**
Stddev	.059121	.005208	.0020872	.0012698	.0029840	.0052764	.0006102
%RSD	.6597390	.0923057	.6575223	.3069881	36.36830	.5448800	.0893252
#1	9.029333	5.639047	.3185759	.4121755	.0108111	.9732411	.6825977
#2	8.932120	5.647649	.3187086	.4144646	.0088538	.9690842	.6831029
#3	8.922433	5.638262	.3150289	.4142725	.0049499	.9627626	.6838125

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168511BS Acquired: 6/19/2025 17:23:56 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1954014	.2944688	.2091448
Stddev	.0010642	.0053993	.0005842
%RSD	.5446151	1.833579	.2793094
#1	.1953462	.2987948	.2096357
#2	.1943659	.2961938	.2084987
#3	.1964921	.2884178	.2093000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.731	36208.24	2870.779	3794.159	4761.735
Stddev	7.610	181.53	16.428	31.500	11.538
%RSD	.2265667	.5013538	.5722437	.8302115	.2423114
#1	3359.247	36101.89	2853.664	3771.941	4765.997
#2	3366.069	36417.84	2886.421	3830.208	4770.536
#3	3350.876	36104.97	2872.250	3780.327	4748.672

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168539BS Acquired: 6/19/2025 17:28:17 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7260735	2.037043	.9534477	2.025102	.8161886	2.749228	.2059195
Stddev	.0002274	.004339	.0004356	.004432	.0021267	.032518	.0034031
%RSD	.0313146	.2130269	.0456823	.2188765	.2605636	1.182807	1.652654
#1	.7258276	2.037072	.9539506	2.027354	.8138359	2.779861	.2085314
#2	.7261170	2.041367	.9532021	2.019995	.8179745	2.715106	.2020709
#3	.7262760	2.032689	.9531904	2.027956	.8167555	2.752716	.2071562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2127276	.1911921	1.030494	.4083380	.1953099	.3308785	3.222396
Stddev	.0004853	.0000902	.017688	.0018808	.0000700	.0006743	.035696
%RSD	.2281125	.0471646	1.716475	.4606046	.0358508	.2037760	1.107745
#1	.2125256	.1912404	1.045792	.4090282	.1953184	.3302939	3.181504
#2	.2132813	.1910880	1.034564	.4097762	.1952360	.3316161	3.247321
#3	.2123761	.1912478	1.011125	.4062096	.1953753	.3307254	3.238364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2067306	2.127025	.4909403	.0741563	3.023597	.3044217	.2244011
Stddev	.0021994	.060197	.0003435	.0008357	.017718	.0017142	.0018954
%RSD	1.063909	2.830091	.0699626	1.126895	.5859962	.5630918	.8446384
#1	.2069922	2.196518	.4905666	.0734563	3.038820	.3034886	.2222442
#2	.2044121	2.090954	.4912421	.0739310	3.027823	.3033766	.2258010
#3	.2087875	2.093604	.4910122	.0750815	3.004148	.3064000	.2251582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.729152	5.546459	.3109869	.4034458	.0061050	.9450289	.6682323
Stddev	.033603	.002075	.0015661	.0002918	.0016081	.0038255	.0018902
%RSD	.3849567	.0374192	.5035756	.0723242	26.34028	.4048049	.2828597
#1	8.767903	5.548650	.3100730	.4037686	.0046742	.9485747	.6660501
#2	8.708050	5.544522	.3127952	.4032009	.0078454	.9455377	.6692878
#3	8.711504	5.546205	.3100924	.4033678	.0057956	.9409745	.6693589

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168539BS Acquired: 6/19/2025 17:28:17 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1920590	.2653676	.2046494
Stddev	.0025413	.0004666	.0008375
%RSD	1.323189	.1758285	.4092286
#1	.1949657	.2652525	.2052350
#2	.1909541	.2658810	.2036901
#3	.1902572	.2649694	.2050230

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.133	36652.75	2921.079	3841.414	4823.253
Stddev	13.416	229.70	11.393	4.942	16.912
%RSD	.3933112	.6266969	.3900114	.1286574	.3506321
#1	3423.952	36409.39	2908.552	3846.468	4839.016
#2	3397.190	36683.08	2923.865	3836.592	4805.389
#3	3412.257	36865.78	2930.820	3841.181	4825.354

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV04 Acquired: 6/19/2025 17:32:38 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.863644**	**4.965556**	**4.897317**	**5.006662**	**5.004609**	**9.854354**	**9.971192**
Stddev	.001712	.012345	.006148	.012470	.007356	.032070	.031519
%RSD	.0352000	.2486049	.1255347	.2490771	.1469833	.3254446	.3161025
#1	4.861777	4.979562	4.901176	5.010164	5.000416	9.818222	9.966339
#2	4.864014	4.956259	4.890227	4.992814	5.000309	9.879446	10.00486
#3	4.865141	4.960847	4.900548	5.017006	5.013103	9.865395	9.94238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2537354**	**2.460944**	**24.76036**	**.9969327**	**2.460396**	**1.260640**	**4.892171**
Stddev	.0018811	.001747	.08289	.0020980	.001528	.010147	.028469
%RSD	.7413573	.0709864	.3347494	.2104481	.0620979	.8048960	.5819282
#1	.2516634	2.462318	24.74603	.9952283	2.460906	1.249576	4.921788
#2	.2553358	2.458978	24.84947	.9962938	2.458679	1.269511	4.889715
#3	.2542070	2.461537	24.68557	.9992758	2.461604	1.262832	4.865009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.453309**	**24.74118**	**2.456585**	**1.243824**	**25.09140**	**2.457544**	**2.485581**
Stddev	.006428	.05524	.001826	.001694	.12023	.020847	.004483
%RSD	.2620140	.2232770	.0743459	.1362120	.4791657	.8483002	.1803652
#1	2.448611	24.72065	2.458220	1.242114	24.95710	2.445890	2.483662
#2	2.460634	24.80374	2.454614	1.243856	25.18902	2.481613	2.482376
#3	2.450682	24.69913	2.456919	1.245502	25.12808	2.445130	2.490704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.09563**	**4.940064**	**5.012614**	**5.006577**	**4.836883**	**5.051929**	**4.916231**
Stddev	.14657	.001753	.031604	.008215	.011610	.041894	.005956
%RSD	.5840458	.0354908	.6304871	.1640782	.2400312	.8292710	.1211428
#1	24.93011	4.942074	4.976381	5.012580	4.840556	5.004179	4.919327
#2	25.14780	4.938852	5.034497	4.997215	4.846212	5.082521	4.909365
#3	25.20898	4.939265	5.026963	5.009936	4.823881	5.069085	4.920001

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV04 Acquired: 6/19/2025 17:32:38 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.915300**	**5.059573**	**5.006985**
Stddev	.022195	.009307	.016123
%RSD	.4515509	.1839484	.3220002
#1	4.916796	5.052462	5.001884
#2	4.936709	5.070107	5.025041
#3	4.892395	5.056151	4.994030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3283.789**	**35227.56**	**2874.404**	**3700.983**	**4331.263**
Stddev	14.777	183.99	7.698	13.416	16.297
%RSD	.4499839	.5222799	.2678121	.3625067	.3762758
#1	3270.941	35020.64	2879.468	3685.502	4316.273
#2	3299.937	35372.71	2865.545	3708.233	4348.611
#3	3280.490	35289.34	2878.199	3709.214	4328.904

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB04 Acquired: 6/19/2025 17:36:52 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024277**	**.0014500**	**-.000300**	**-.000324**	**-.001820**	**.0000119**
Stddev	.0022876	.0008374	.000581	.002700	.000774	.0055011
%RSD	94.22597	57.75034	193.6147	832.8922	42.50563	46349.10
#1	.0000252	.0012638	-.000889	-.000410	-.001341	-.002242
#2	.0045797	.0007214	.000273	.002418	-.001407	-.004005
#3	.0026783	.0023648	-.000285	-.002981	-.002713	.006282

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011467**	**.0000789**	**.0000808**	**-.014672**	**-.000543**	**.0000324**
Stddev	.0011967	.0001554	.0000300	.008493	.000667	.0001434
%RSD	104.3624	196.8352	37.18445	57.88738	122.8297	442.7775
#1	.0024478	-.000094	.0001105	-.020474	.000165	.0001452
#2	.0008992	.000124	.0000815	-.004924	-.001158	-.000129
#3	.0000931	.000207	.0000505	-.018618	-.000636	.000081

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000793**	**-.003822**	**-.000152**	**.0435559**	**-.000050**	**-.000577**
Stddev	.000418	.009055	.001014	.0681083	.000681	.000540
%RSD	52.77464	236.8938	667.5284	156.3700	1371.290	93.55158
#1	-.000318	-.000275	-.000910	.0405830	-.000779	-.001147
#2	-.000953	-.014114	.001000	.1131020	.000570	-.000075
#3	-.001108	.002922	-.000546	-.023017	.000061	-.000508

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0661493**	**-.004789**	**-.001083**	**.0054758**	**-.000769**	**.0162945**
Stddev	.0084821	.008839	.000220	.0012565	.000870	.0012105
%RSD	12.82259	184.5883	20.29965	22.94556	113.1388	7.429081
#1	.0743975	.005406	-.001146	.0046996	-.000118	.0176895
#2	.0665992	-.010313	-.001265	.0048024	-.000432	.0155213
#3	.0574513	-.009459	-.000839	.0069254	-.001758	.0156726

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB04 Acquired: 6/19/2025 17:36:52 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001881	.0004817	.0019950	-.001255	-.001939	F .0486373
Stddev	.0001738	.0027923	.0015376	.000756	.003016	.0052744
%RSD	92.39655	579.6828	77.07224	60.25052	155.5212	10.84443
#1	.0002673	.0036577	.0027890	-.000412	-.004818	.0426623
#2	-.000011	-.000625	.0002227	-.001873	-.002198	.0506031
#3	.000308	-.001588	.0029734	-.001479	.001198	.0526466

Elem	Sr4077
Units	ppm
Avg	.0000052
Stddev	.0001011
%RSD	1956.320
#1	-.000072
#2	-.000033
#3	.000120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.562	37218.14	2926.924	3893.762	5004.908
Stddev	5.562	110.41	8.436	18.915	9.927
%RSD	.1614763	.2966518	.2882094	.4857731	.1983500
#1	3438.153	37280.40	2929.167	3888.384	4995.765
#2	3447.398	37090.66	2934.012	3878.119	5003.493
#3	3448.134	37283.36	2917.594	3914.784	5015.467

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168539BL Acquired: 6/19/2025 17:41:22 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000018**	**.0000932**	**-.000082**	**.0024585**	**-.001540**	**.0315653**
Stddev	.000680	.0025817	.000205	.0020390	.001146	.0234646
%RSD	3780.540	2769.199	249.4665	82.94003	74.39545	74.33651
#1	-.000446	-.001811	-.000306	.0044456	-.001198	.0341395
#2	-.000374	.003032	-.000036	.0003712	-.000604	.0536366
#3	.000766	-.000941	.000096	.0025586	-.002818	.0069198

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010482**	**.0000765**	**.0000762**	**.0051241**	**-.000885**	**-.000016**
Stddev	.0006177	.0000344	.0000761	.0129998	.000134	.000229
%RSD	58.92902	44.91234	99.82269	253.7002	15.13511	1463.429
#1	.0004926	.0000857	.0001160	.0026427	-.000733	.000093
#2	.0017134	.0000384	.0001243	-.006456	-.000936	-.000279
#3	.0009386	.0001053	-.000012	.019186	-.000987	.000139

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000171**	**.0226775**	**.0002682**	**.0425353**	**-.000253**	**-.000480**
Stddev	.000567	.0186582	.0005829	.0555531	.000300	.000339
%RSD	331.4581	82.27604	217.3488	130.6047	118.5624	70.74178
#1	.000116	.0253015	.0009411	.0345681	.000024	-.000174
#2	.000195	.0398848	-.000078	-.008604	-.000572	-.000844
#3	-.000824	.0028463	-.000058	.101642	-.000211	-.000420

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0768306**	**.0085786**	**.0050250**	**.0163210**	**.0018781**	**.0090247**
Stddev	.0135822	.0012683	.0003644	.0010339	.0004024	.0009839
%RSD	17.67816	14.78490	7.251130	6.334473	21.42566	10.90199
#1	.0616132	.0095645	.0052464	.0174172	.0019161	.0101222
#2	.0811531	.0090236	.0052241	.0153636	.0014580	.0087302
#3	.0877256	.0071477	.0046045	.0161821	.0022601	.0082217

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168539BL Acquired: 6/19/2025 17:41:22 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005744	.0036895	.0085432	-.000699	-.002815	F .0436036
Stddev	.0004068	.0034035	.0009139	.000265	.002449	.0030538
%RSD	70.82347	92.24814	10.69724	37.89697	86.97222	7.003464
#1	.0009909	.0058312	.0083759	-.000432	-.005001	.0466765
#2	.0005542	.0054722	.0095293	-.000961	-.003277	.0405693
#3	.0001781	-.000235	.0077246	-.000703	-.000169	.0435651

Elem	Sr4077
Units	ppm
Avg	.0000579
Stddev	.0000718
%RSD	123.9409
#1	-.000017
#2	.000065
#3	.000126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.872	37049.28	2933.338	3874.573	4965.267
Stddev	2.295	178.06	8.831	7.919	6.051
%RSD	.0668610	.4806032	.3010422	.2043756	.1218746
#1	3432.025	37254.60	2941.355	3874.302	4962.978
#2	3434.086	36955.86	2934.788	3866.793	4972.128
#3	3429.504	36937.36	2923.873	3882.623	4960.693

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01DUP Acquired: 6/19/2025 17:45:51 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0676820	-.026822	.2502389	.0312860	.0114369	81.06804	.7076870
Stddev	.0019869	.001607	.0019638	.0027077	.0007125	.14460	.0040118
%RSD	2.935641	5.991195	.7847788	8.654684	6.230210	.1783690	.5668890
#1	.0698921	-.028171	.2501901	.0316198	.0112819	81.21331	.7059410
#2	.0671102	-.025044	.2522266	.0338113	.0108146	80.92412	.7048440
#3	.0660437	-.027250	.2482998	.0284268	.0122142	81.06671	.7122759

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120272	.0013780	19.82403	.1714512	.1237424	.5841831	203.2016
Stddev	.0001763	.0000910	.07380	.0005722	.0004676	.0012310	.2905
%RSD	1.466139	6.605699	.3722542	.3337694	.3779156	.2107174	.1429770
#1	.0118508	.0014434	19.83206	.1713097	.1241970	.5834451	203.3542
#2	.0122035	.0014165	19.74655	.1709631	.1237674	.5856042	202.8665
#3	.0120273	.0012740	19.89349	.1720810	.1232627	.5835002	203.3840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.405248	46.75718	.2120934	.0096043	14.88719	.3692876	.5573705
Stddev	.007092	.04978	.0009145	.0007498	.01102	.0049149	.0011665
%RSD	.1312130	.1064559	.4311900	7.807274	.0740533	1.330902	.2092922
#1	5.403044	46.73840	.2122194	.0104698	14.89623	.3646018	.5576025
#2	5.399520	46.71953	.2129384	.0091508	14.89044	.3744032	.5584036
#3	5.413181	46.81362	.2111224	.0091922	14.87491	.3688578	.5561054

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65466	9.230561	.0983385	-.001469	.1334188	4.901774	.0117982
Stddev	.09102	.024273	.0011748	.000545	.0012478	.004791	.0002633
%RSD	.6211032	.2629621	1.194649	37.07445	.9352672	.0977385	2.231881
#1	14.73027	9.226296	.0970301	-.002085	.1335352	4.906670	.0120445
#2	14.55363	9.256684	.0986827	-.001051	.1346043	4.901555	.0118296
#3	14.68008	9.208703	.0993028	-.001270	.1321168	4.897096	.0115206

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01DUP Acquired: 6/19/2025 17:45:51 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.358606	.1578162	.0742992
Stddev	.031671	.0050679	.0003817
%RSD	.5910287	3.211244	.5137728
#1	5.366917	.1623668	.0742694
#2	5.323608	.1587273	.0739333
#3	5.385293	.1523546	.0746950

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4296.498	45487.07	3798.104	4858.496	4323.451
Stddev	8.801	148.94	5.009	7.282	7.059
%RSD	.2048302	.3274254	.1318714	.1498826	.1632733
#1	4286.719	45328.67	3797.234	4852.733	4315.339
#2	4303.780	45624.28	3803.490	4856.074	4326.813
#3	4298.994	45508.25	3793.587	4866.680	4328.200

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01LX5 Acquired: 6/19/2025 17:50:16 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183028	-.005721	.0558617	.0109135	.0024578	25.73858	.2047539
Stddev	.0023583	.001493	.0013735	.0015902	.0013827	.02972	.0006560
%RSD	12.88507	26.08823	2.458704	14.57046	56.25791	.1154506	.3203743
#1	.0158431	-.006628	.0566553	.0100624	.0040348	25.70661	.2040138
#2	.0185206	-.006538	.0566540	.0099301	.0018857	25.76537	.2052636
#3	.0205446	-.003999	.0542758	.0127481	.0014530	25.74375	.2049843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043355	-.000114	6.118993	.0567799	.0324805	.1556619	63.10365
Stddev	.0000604	.000042	.023926	.0015053	.0007648	.0008200	.12649
%RSD	1.393482	36.86196	.3910042	2.651186	2.354794	.5267551	.2004469
#1	.0043915	-.000080	6.146105	.0550961	.0328895	.1562294	63.07214
#2	.0043436	-.000161	6.100841	.0579956	.0329539	.1560343	63.24292
#3	.0042715	-.000102	6.110033	.0572479	.0315981	.1547218	62.99590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.612910	15.30708	.0539776	.0025922	4.102505	.1078826	.1822916
Stddev	.002207	.06136	.0005384	.0002317	.009011	.0021921	.0008224
%RSD	.1368307	.4008424	.9973768	8.936663	.2196501	2.031911	.4511465
#1	1.612651	15.27979	.0545896	.0023640	4.111757	.1053622	.1824011
#2	1.615236	15.37734	.0537660	.0025855	4.102003	.1089414	.1814199
#3	1.610845	15.26409	.0535771	.0028272	4.093756	.1093444	.1830538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.511205	2.391802	.0331800	-.000533	.0731790	2.850403	.0017127
Stddev	.022272	.021379	.0010047	.000057	.0023660	.004314	.0004656
%RSD	.4937097	.8938272	3.027940	10.69225	3.233228	.1513495	27.18383
#1	4.535991	2.411400	.0326587	-.000598	.0708371	2.855272	.0017726
#2	4.504753	2.395001	.0343382	-.000501	.0731313	2.848879	.0021455
#3	4.492872	2.369004	.0325432	-.000498	.0755685	2.847058	.0012201

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01LX5 Acquired: 6/19/2025 17:50:16 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.602322	.0806978	.0267655
Stddev	.007809	.0030160	.0001215
%RSD	.4873733	3.737415	.4537998
#1	1.593624	.0832112	.0267886
#2	1.604613	.0773534	.0266342
#3	1.608730	.0815288	.0268738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.789	38613.58	3144.975	4085.202	4583.482
Stddev	5.072	123.67	20.524	9.705	5.815
%RSD	.1402786	.3202641	.6525920	.2375607	.1268636
#1	3621.587	38480.27	3123.663	4073.996	4588.691
#2	3612.178	38635.92	3146.655	4090.696	4577.209
#3	3613.600	38724.56	3164.607	4090.914	4584.547

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01MS Acquired: 6/19/2025 17:54:34 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8725477	1.972622	1.245461	1.448254	.2995205	102.7860	.9728966
Stddev	.0040581	.003403	.001905	.002438	.0026122	.1898	.0045030
%RSD	.4650817	.1725193	.1529477	.1683743	.8721285	.1846995	.4628482
#1	.8738563	1.968922	1.244719	1.445439	.2966229	102.6894	.9771749
#2	.8679967	1.975619	1.244039	1.449614	.3016950	102.6639	.9681983
#3	.8757899	1.973325	1.247626	1.449709	.3002435	103.0047	.9733167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1645777	.2062500	23.64456	.5015713	.3616170	.9208434	228.3129
Stddev	.0018742	.0001665	.08450	.0012185	.0009463	.0085060	.2783
%RSD	1.138810	.0807150	.3573630	.2429405	.2616895	.9237187	.1218915
#1	.1647010	.2062569	23.73135	.5003159	.3605844	.9221186	228.2644
#2	.1626449	.2060802	23.56256	.5016486	.3618239	.9117718	228.0621
#3	.1663873	.2064129	23.63976	.5027493	.3624428	.9286398	228.6123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.008415	58.55135	.7873680	.0655095	17.88322	.5942634	.7833662
Stddev	.016262	.16997	.0007137	.0005980	.15351	.0051784	.0014456
%RSD	.2706526	.2902897	.0906428	.9128245	.8584208	.8714021	.1845370
#1	6.001883	58.52219	.7881111	.0653380	17.86741	.5985746	.7818534
#2	5.996435	58.39785	.7866879	.0661745	17.73822	.5885194	.7847336
#3	6.026928	58.73401	.7873050	.0650160	18.04402	.5956963	.7835115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.23916	16.79227	.3076560	.2944261	.1812964	3.592009	.7204264
Stddev	.41376	.02673	.0011204	.0001639	.0008087	.033047	.0015499
%RSD	1.518974	.1591877	.3641830	.0556641	.4460708	.9200245	.2151381
#1	27.26455	16.77029	.3083056	.2942590	.1815263	3.596907	.7199524
#2	26.81330	16.78449	.3063622	.2945866	.1803977	3.556785	.7191689
#3	27.63964	16.82203	.3083001	.2944327	.1819653	3.622333	.7221580

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01MS Acquired: 6/19/2025 17:54:34 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.466980	.3685669	.2434665
Stddev	.023814	.0034380	.0007049
%RSD	.3682380	.9327914	.2895474
#1	6.489270	.3724692	.2441046
#2	6.441890	.3672475	.2427098
#3	6.469779	.3659841	.2435851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4445.084	47103.97	3967.386	4998.851	4232.739
Stddev	7.332	127.52	40.529	10.774	10.292
%RSD	.1649558	.2707262	1.021549	.2155292	.2431413
#1	4453.482	47247.78	3971.726	5010.987	4242.114
#2	4441.816	47004.68	4005.570	4990.412	4234.374
#3	4439.953	47059.44	3924.862	4995.156	4221.727

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01MSD Acquired: 6/19/2025 17:58:51 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8099864**	**1.895510**	**1.147821**	**1.468138**	**.3023902**	**88.47415**	**.8032835**
Stddev	.0089179	.002567	.001291	.001644	.0015252	.27085	.0015779
%RSD	1.100999	.1354235	.1124506	.1119886	.5043680	.3061399	.1964277
#1	.8168260	1.895251	1.149311	1.469843	.3034443	88.67631	.8046941
#2	.7998999	1.893083	1.147108	1.468009	.3006413	88.16640	.8035770
#3	.8132333	1.898197	1.147045	1.466563	.3030848	88.57973	.8015796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1677992**	**.1951286**	**19.87062**	**.4746343**	**.3124354**	**.7604543**	**191.3897**
Stddev	.0002776	.0003237	.07081	.0009689	.0001363	.0032801	.1443
%RSD	.1654497	.1658786	.3563520	.2041284	.0436195	.4313410	.0754006
#1	.1678897	.1950389	19.93152	.4737836	.3125422	.7627804	191.4254
#2	.1674876	.1948593	19.79292	.4744305	.3122819	.7567026	191.2310
#3	.1680203	.1954877	19.88741	.4756889	.3124820	.7618799	191.5129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.380477**	**49.48545**	**.6954401**	**.0641640**	**16.15053**	**.5283943**	**.7079906**
Stddev	.008431	.08331	.0011014	.0007652	.06018	.0060092	.0017275
%RSD	.1566932	.1683478	.1583694	1.192576	.3726232	1.137266	.2439946
#1	5.375496	49.53185	.6961396	.0644303	16.19916	.5336640	.7080027
#2	5.375723	49.38927	.6941706	.0647605	16.08322	.5296689	.7062572
#3	5.390211	49.53522	.6960101	.0633012	16.16920	.5218500	.7097120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.37854**	**14.20150**	**.2966488**	**.2967629**	**.1444693**	**5.657841**	**.6821854**
Stddev	.14152	.01047	.0006102	.0005148	.0015178	.014665	.0011776
%RSD	.5805280	.0737175	.2057029	.1734754	1.050568	.2591980	.1726168
#1	24.51151	14.19942	.2967213	.2962453	.1451360	5.662071	.6830128
#2	24.22979	14.19223	.2960056	.2967687	.1427323	5.641527	.6808373
#3	24.39432	14.21285	.2972195	.2972748	.1455396	5.669927	.6827063

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01MSD Acquired: 6/19/2025 17:58:51 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.606350	.3294560	.2244749
Stddev	.007732	.0023496	.0006195
%RSD	.1379137	.7131620	.2759732
#1	5.611240	.3277238	.2242669
#2	5.597436	.3285139	.2239862
#3	5.610373	.3321305	.2251716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4369.385	46309.19	3808.378	4922.085	4449.653
Stddev	9.363	144.89	14.033	10.378	14.161
%RSD	.2142796	.3128837	.3684782	.2108446	.3182608
#1	4361.229	46142.79	3794.176	4910.102	4437.556
#2	4379.609	46407.45	3822.235	4928.002	4465.230
#3	4367.317	46377.33	3808.722	4928.151	4446.172

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01A Acquired: 6/19/2025 18:03:09 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8367841**	**1.868147**	**1.187164**	**1.419996**	**.5844970**	**93.12685**	**.8834611**
Stddev	.0023104	.006321	.000879	.000917	.0026446	.18604	.0009227
%RSD	.2761052	.3383451	.0740212	.0645971	.4524504	.1997717	.1044464
#1	.8364301	1.864227	1.187334	1.420347	.5849057	92.92192	.8831382
#2	.8392511	1.875439	1.187945	1.420687	.5869133	93.28511	.8827432
#3	.8346711	1.864776	1.186212	1.418956	.5816718	93.17351	.8845019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1595661**	**.1950102**	**22.84103**	**.4930952**	**.3421546**	**.7662807**	**226.3636**
Stddev	.0010936	.0005859	.04424	.0009576	.0003127	.0032210	.2893
%RSD	.6853367	.3004354	.1936930	.1942104	.0914039	.4203478	.1277822
#1	.1597627	.1951760	22.79263	.4920718	.3419201	.7674680	226.0312
#2	.1605480	.1954953	22.85109	.4932443	.3425097	.7687397	226.5579
#3	.1583876	.1943593	22.87938	.4939696	.3420341	.7626346	226.5017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.844419**	**54.96834**	**.7379820**	**.0622352**	**17.17319**	**.5834711**	**.8010463**
Stddev	.008814	.03420	.0023692	.0003670	.11683	.0095172	.0048114
%RSD	.1508166	.0622225	.3210422	.5896941	.6803156	1.631134	.6006411
#1	5.836510	54.99416	.7368159	.0622146	17.16494	.5797722	.7960072
#2	5.842826	54.98130	.7407082	.0626121	17.29393	.5763585	.8015396
#3	5.853921	54.92955	.7364217	.0618790	17.06070	.5942824	.8055920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.07031**	**17.06221**	**.3090333**	**.2870551**	**.3247715**	**5.532694**	**.6914883**
Stddev	.36692	.04403	.0014251	.0005826	.0050342	.037453	.0027893
%RSD	1.355420	.2580697	.4611466	.2029642	1.550068	.6769456	.4033730
#1	27.00618	17.07614	.3074123	.2876717	.3218434	5.512661	.6926621
#2	27.46506	17.09759	.3095987	.2865137	.3305844	5.575903	.6934989
#3	26.73969	17.01290	.3100889	.2869800	.3218867	5.509517	.6883040

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2341-01A Acquired: 6/19/2025 18:03:09 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.890503**	**.3384149**	**.2404204**
Stddev	.010751	.0022834	.0004099
%RSD	.1825170	.6747200	.1705025
#1	5.878167	.3359021	.2406726
#2	5.897880	.3403626	.2399474
#3	5.895461	.3389802	.2406412

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4466.196**	**47565.35**	**3966.298**	**5039.054**	**4264.562**
Stddev	10.481	181.46	29.431	23.637	12.370
%RSD	.2346834	.3815060	.7420351	.4690771	.2900586
#1	4458.688	47736.38	3969.440	5066.320	4261.891
#2	4461.729	47374.99	3935.421	5026.468	4253.746
#3	4478.171	47584.68	3994.032	5024.372	4278.049

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168518BL Acquired: 6/19/2025 18:07:27 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005216**	**.0013431**	**.0007814**	**.0009091**	**.0000748**	**.0080715**
Stddev	.0010381	.0013909	.0005612	.0033464	.0012287	.0158509
%RSD	199.0203	103.5533	71.81876	368.0850	1643.346	196.3819
#1	.0013731	-.000214	.0010035	.0016683	-.001093	.0027940
#2	-.000635	.002464	.0001431	.0038107	.001356	.0258879
#3	.000827	.001779	.0011975	-.002752	-.000039	-.004468

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014376**	**.0001983**	**.0000175**	**.0260937**	**-.000163**	**.0002741**
Stddev	.0008157	.0001567	.0000400	.0342693	.000640	.0001391
%RSD	56.74235	79.01682	228.3186	131.3316	392.2570	50.75472
#1	.0023340	.0002801	.0000542	.0213421	-.000605	.0001717
#2	.0012400	.0000176	-.000025	-.005552	-.000455	.0004325
#3	.0007388	.0002972	.000024	.062491	.000570	.0002181

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000049**	**.0448484**	**.0002525**	**.0212559**	**-.000032**	**-.000145**
Stddev	.000178	.0545963	.0006197	.0449828	.000126	.000950
%RSD	365.3203	121.7353	245.3757	211.6253	393.1592	653.7413
#1	.000072	.0930864	.0007695	.0321479	.000089	.000766
#2	-.000253	.0558801	.0004226	-.028173	-.000022	-.000072
#3	.000035	-.014421	-.000434	.059792	-.000163	-.001130

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0671909**	**.0067105**	**-.000702**	**.0068391**	**.0032194**	**.0041182**
Stddev	.0073274	.0028818	.000367	.0008994	.0021737	.0016722
%RSD	10.90534	42.94518	52.35043	13.15068	67.51945	40.60403
#1	.0590934	.0055549	-.000658	.0078680	.0009737	.0022938
#2	.0691151	.0099907	-.001089	.0064464	.0053132	.0044830
#3	.0733642	.0045858	-.000358	.0062027	.0033712	.0055778

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168518BL Acquired: 6/19/2025 18:07:27 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001843	.0010287	-.000063	-.000890	-.002573	F .0451410
Stddev	.0002586	.0034739	.000847	.000472	.001125	.0059532
%RSD	140.3364	337.7021	1333.461	53.04072	43.71489	13.18804
#1	-.000057	.0007944	.000291	-.000674	-.003449	.0434582
#2	.000457	-.002322	-.001030	-.001432	-.002965	.0402103
#3	.000153	.004614	.000548	-.000565	-.001305	.0517545

Elem	Sr4077
Units	ppm
Avg	.0002500
Stddev	.0000918
%RSD	36.73664
#1	.0001452
#2	.0002883
#3	.0003165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.128	36830.23	2915.129	3859.256	4983.200
Stddev	5.061	235.66	12.563	33.846	5.538
%RSD	.1479625	.6398453	.4309423	.8770129	.1111244
#1	3414.285	36558.84	2902.509	3820.394	4978.923
#2	3423.136	36948.73	2927.633	3882.274	4981.222
#3	3422.962	36983.11	2915.246	3875.100	4989.455

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168518BS Acquired: 6/19/2025 18:11:56 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7124891**	**1.997741**	**.9398659**	**1.992296**	**.8024858**	**2.006654**	**.2037643**
Stddev	.0039674	.002708	.0034297	.006831	.0043373	.031747	.0002769
%RSD	.5568316	.1355547	.3649182	.3428759	.5404856	1.582093	.1359029
#1	.7114974	1.995754	.9370297	1.995876	.7990250	1.989201	.2040711
#2	.7091117	1.996643	.9388901	1.996592	.8010809	1.987464	.2036890
#3	.7168583	2.000825	.9436777	1.984419	.8073514	2.043299	.2035328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2085103**	**.1877597**	**1.013539**	**.4023352**	**.1927288**	**.3223073**	**3.174406**
Stddev	.0012859	.0003770	.009761	.0006620	.0002907	.0024779	.015772
%RSD	.6167051	.2008105	.9631079	.1645458	.1508421	.7687907	.4968404
#1	.2091668	.1874841	1.013559	.4030935	.1925276	.3240767	3.171461
#2	.2070287	.1876057	1.023290	.4020392	.1925967	.3194754	3.160315
#3	.2093355	.1881894	1.003767	.4018727	.1930621	.3233699	3.191443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2007049**	**1.979961**	**.4823443**	**.0735739**	**2.949596**	**.2984064**	**.2039581**
Stddev	.0014588	.056018	.0016299	.0001255	.014744	.0056974	.0002365
%RSD	.7268175	2.829231	.3379073	.1705556	.4998776	1.909286	.1159698
#1	.2023183	2.044429	.4820556	.0736297	2.961421	.2925998	.2042137
#2	.2003173	1.952308	.4808781	.0734302	2.933076	.3039880	.2037469
#3	.1994790	1.943148	.4840992	.0736618	2.954290	.2986313	.2039136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.608168**	**5.437580**	**.3045318**	**.3956060**	**-.000397**	**.9249326**	**.6542693**
Stddev	.037037	.009035	.0033746	.0004868	.000978	.0108955	.0024959
%RSD	.4302576	.1661503	1.108119	.1230573	246.1186	1.177982	.3814867
#1	8.639090	5.432965	.3052807	.3951048	.000524	.9297261	.6537964
#2	8.567121	5.431785	.3008457	.3960770	-.001424	.9124621	.6520437
#3	8.618293	5.447990	.3074691	.3956363	-.000292	.9326095	.6569679

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168518BS Acquired: 6/19/2025 18:11:56 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1895511	.2480474	.2025408
Stddev	.0023721	.0085562	.0008986
%RSD	1.251416	3.449433	.4436742
#1	.1869995	.2567470	.2034791
#2	.1916894	.2396421	.2016879
#3	.1899643	.2477532	.2024554

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3432.092	36630.82	2920.176	3860.725	4859.331
Stddev	8.944	72.58	16.237	10.964	13.231
%RSD	.2605869	.1981330	.5560448	.2839869	.2722868
#1	3429.358	36591.81	2910.766	3867.053	4853.426
#2	3442.083	36586.09	2938.926	3848.065	4874.486
#3	3424.834	36714.56	2910.837	3867.056	4850.080

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2312-04 Acquired: 6/19/2025 18:16:17 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.001254	s .0057503	s .0010278	s .0002091	s -.000226	k .0337820	.2603507
Stddev	.005370	.0018738	.0031041	.0013818	.003457	.0183415	.0007130
%RSD	428.2038	32.58601	302.0144	660.8780	1530.341	54.29369	.2738600
#1	-.007421	.0079066	.0046078	-.001123	.003741	.0269820	.2608852
#2	s .001268	s .0045174	s -.000610	s .000115	s -.002594	k .0198116	.2606256
#3	.002390	.0048269	-.000914	.001635	-.001825	.0545524	.2595411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0001716	s .0000990	35.32661	k .0094438	s .0033551	k .0036433	.1012097
Stddev	.0000726	.0001054	.09278	.0003173	.0058793	.0006888	.0041015
%RSD	42.31123	106.4651	.2626377	3.359617	175.2380	18.90529	4.052523
#1	.0001305	.0002176	35.29990	.0091143	.0101439	.0028486	.1033962
#2	k .0001289	s .0000635	35.25012	k .0094697	s -.000029	k .0040690	.1037547
#3	.0002554	.0000159	35.42982	.0097473	-.000050	.0040122	.0964782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1345489	8.483705	s .0002545	k -.000420	367.7077	k .0077377	k .0388397
Stddev	.0021373	.051797	.0003536	.000063	.3784	.0027512	.0001617
%RSD	1.588489	.6105444	138.9506	15.10584	.1029182	35.55586	.4163339
#1	.1327487	8.529246	.0006614	-.000444	368.0177	.0109131	.0390240
#2	k .1369110	8.494512	s .0000804	k -.000467	367.8193	k .0062336	k .0387734
#3	.1339869	8.427358	.0000217	-.000348	367.2859	.0060666	.0387217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.812365	s .0648837	k .0249302	s -.001499	s .1328781	k .9846119	s -.001065
Stddev	.006691	.1145132	.0020199	.002119	.2344137	.0025547	.001830
%RSD	.2379118	176.4899	8.102038	141.3798	176.4127	.2594607	171.9175
#1	2.806361	.1971102	.0226569	-.003945	.4035229	.9823533	.001045
#2	2.811157	s -.000620	k .0265185	s -.000344	s .0012042	k .9840978	s -.002006
#3	2.819578	-.001839	.0256153	-.000208	-.006093	.9873845	-.002233

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2312-04 Acquired: 6/19/2025 18:16:17 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	k -.003392	.0190544	.1808262
Stddev	.003129	.0004738	.0002442
%RSD	92.25329	2.486803	.1350229
#1	-.005311	.0188649	.1808910
#2	k .000219	.0187046	.1810315
#3	-.005084	.0195936	.1805562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	^ *****	32640.36	2811.990	3504.379	^ *****
Stddev	-----	197.52	8.669	15.807	-----
%RSD	-----	.6051489	.3082885	.4510774	-----
#1	3420.621	32574.84	2815.543	3501.498	4461.683
#2	^ -----	32483.91	2802.109	3490.210	^ -----
#3	10792.88	32862.31	2818.318	3521.429	17463.57

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2319-04 Acquired: 6/19/2025 18:20:52 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.002409	s .0001613	s .0012026	k .0007477	k -.001638	.2272020	.2613633
Stddev	.004691	.0042367	.0003735	.0019389	.003380	.0292778	.0014542
%RSD	194.7042	2627.250	31.05608	259.3029	206.3800	12.88625	.5563990
#1	-.006766	-.004009	.0014990	.0029433	-.002935	.2413984	.2614757
#2	-.003017	.000031	.0013257	-.000729	.002199	.2466751	.2598562
#3	s .002556	s .004462	s .0007831	k .000029	k -.004177	.1935324	.2627581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0005897	s .0001641	7.801382	k .0006646	s .0025823	k .0090756	.0647638
Stddev	.0000688	.0001077	.010881	.0006880	.0023690	.0010799	.0163136
%RSD	11.66305	65.63265	.1394691	103.5331	91.74146	11.89936	25.18930
#1	.0006611	.0002615	7.813513	.0006417	.0041442	.0096787	.0716737
#2	.0005238	.0001823	7.792487	-.000012	.0037463	.0078288	.0461325
#3	k .0005842	s .0000485	7.798145	k .001364	s -.000144	k .0097193	.0764853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .2546660	2.647730	s .0012547	k -.000366	322.2252	-.002004	k .0512164
Stddev	.0024099	.049815	.0011789	.000956	5.4493	.003822	.0025482
%RSD	.9462946	1.881422	93.95339	261.1050	1.691143	190.7164	4.975342
#1	.2520894	2.690914	.0020530	-.001044	317.5624	.000450	.0515371
#2	.2550440	2.659044	.0018104	-.000783	320.8975	-.000054	.0485230
#3	k .2568646	2.593231	s -.000099	k .000728	328.2156	-.006408	k .0535891

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.260870	s .0135252	k .0369946	-.000917	s .3728993	.6707857	s -.001207
Stddev	.016191	.0134573	.0021424	.000520	.3260222	.0083315	.000879
%RSD	1.284143	99.49770	5.791149	56.72622	87.42902	1.242045	72.79040
#1	1.258793	.0245076	.0393223	-.001389	.5911795	.6639342	-.001315
#2	1.245817	.0175545	.0351053	-.001002	.5293825	.6683629	-.000280
#3	1.278000	s -.001486	k .0365561	-.000360	s -.001864	.6800601	s -.002028

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2319-04 Acquired: 6/19/2025 18:20:52 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	k -.000123	.0146191	.0406040
Stddev	.000448	.0033292	.0001872
%RSD	365.3104	22.77261	.4610009
#1	-.000142	.0180301	.0404401
#2	.000334	.0144491	.0405639
#3	k -.000560	.0113783	.0408080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5768.086	33852.05	2806.301	3629.693	^ *****
Stddev	4254.247	1444.61	19.528	152.208	-----
%RSD	73.75491	4.267437	.6958677	4.193413	-----
#1	3181.934	33304.61	2823.570	3568.041	4184.348
#2	3444.191	35490.37	2810.224	3803.054	4543.016
#3	10678.13	32761.16	2785.109	3517.982	^ -----

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV05 Acquired: 6/19/2025 18:25:27 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.895725**	**4.967377**	**4.922590**	**5.039592**	**5.036884**	**9.972244**	**10.10833**
Stddev	.005981	.004822	.002640	.004985	.009510	.028175	.02772
%RSD	.1221687	.0970742	.0536275	.0989240	.1888072	.2825300	.2742252
#1	4.892432	4.968086	4.925466	5.045275	5.039836	9.986368	10.14023
#2	4.902628	4.971805	4.920278	5.037542	5.044569	9.939801	10.09462
#3	4.892113	4.962240	4.922025	5.035957	5.026249	9.990562	10.09014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2552344**	**2.465473**	**24.94441**	**1.009126**	**2.474175**	**1.278015**	**4.904166**
Stddev	.0025976	.001159	.07566	.003612	.000927	.007964	.024740
%RSD	1.017734	.0470276	.3033066	.3579829	.0374762	.6231220	.5044705
#1	.2574849	2.466171	25.03148	1.013061	2.473913	1.286253	4.920216
#2	.2558263	2.466114	24.90706	1.005959	2.475206	1.277434	4.875675
#3	.2523919	2.464135	24.89469	1.008358	2.473408	1.270357	4.916607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.444507**	**24.57616**	**2.464570**	**1.254409**	**25.64763**	**2.454936**	**2.512541**
Stddev	.002788	.05480	.003874	.001717	.20098	.013721	.002118
%RSD	.1140361	.2229909	.1572079	.1369150	.7836384	.5589155	.0843166
#1	2.446526	24.59292	2.466449	1.256309	25.87956	2.467907	2.514146
#2	2.441326	24.51494	2.467147	1.253952	25.53867	2.440571	2.510139
#3	2.445668	24.62063	2.460114	1.252967	25.52465	2.456330	2.513337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.36702**	**4.953840**	**5.087665**	**5.034234**	**4.846917**	**5.110623**	**4.930736**
Stddev	.27206	.007949	.034534	.004662	.005164	.030220	.002709
%RSD	1.072501	.1604544	.6787816	.0926075	.1065332	.5913168	.0549500
#1	25.67972	4.949954	5.127529	5.038249	4.845210	5.143176	4.930206
#2	25.23685	4.962984	5.068586	5.035332	4.852718	5.105228	4.933672
#3	25.18451	4.948583	5.066879	5.029121	4.842823	5.083463	4.928331

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV05 Acquired: 6/19/2025 18:25:27 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.954716**	**5.153128**	**5.062951**
Stddev	.009587	.015454	.011941
%RSD	.1934864	.2999008	.2358542
#1	4.965380	5.170402	5.076625
#2	4.951957	5.140614	5.054574
#3	4.946812	5.148368	5.057656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3261.739**	**34869.17**	**2835.097**	**3676.957**	**4309.577**
Stddev	7.025	202.99	20.944	5.746	8.166
%RSD	.2153606	.5821616	.7387557	.1562711	.1894906
#1	3257.738	34762.70	2810.924	3677.054	4307.387
#2	3269.850	35103.25	2847.816	3682.654	4318.615
#3	3257.629	34741.55	2846.552	3671.163	4302.729

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB05 Acquired: 6/19/2025 18:29:41 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004705**	**.0016610**	**.0007155**	**.0017693**	**-.000442**	**-.008936**
Stddev	.0024184	.0026973	.0004546	.0017909	.000801	.011311
%RSD	513.9949	162.3912	63.53860	101.2154	181.3580	126.5785
#1	-.002153	.0045699	.0010324	.0031601	.000313	-.009120
#2	.002611	.0011704	.0009195	-.000251	-.000356	.002466
#3	.000954	-.000757	.0001946	.002399	-.001282	-.020154

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016009**	**.0001964**	**.0001098**	**-.006841**	**-.000648**	**.0000508**
Stddev	.0004328	.0000517	.0000706	.002201	.000918	.0001918
%RSD	27.03453	26.32322	64.26025	32.18178	141.8101	377.3904
#1	.0013057	.0002166	.0000300	-.006504	-.000316	-.000068
#2	.0020977	.0002350	.0001641	-.004827	-.001685	-.000051
#3	.0013992	.0001377	.0001354	-.009191	.000059	.000272

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000482**	**-.004384**	**-.000028**	**.0402725**	**.0004356**	**.0001489**
Stddev	.000531	.017694	.000215	.0460796	.0000955	.0004890
%RSD	110.1515	403.5997	760.7826	114.4196	21.92180	328.3750
#1	-.000777	.005514	.000220	.0683888	.0004333	.0007093
#2	.000131	-.024812	-.000160	-.012906	.0003413	-.000191
#3	-.000799	.006146	-.000145	.065335	.0005322	-.000071

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0748408**	**.0050345**	**-.000867**	**.0052551**	**.0011137**	**.0139029**
Stddev	.0084344	.0033259	.000201	.0004930	.0006636	.0008953
%RSD	11.26973	66.06234	23.22740	9.382297	59.58488	6.439546
#1	.0837941	.0082708	-.001094	.0058165	.0009529	.0143986
#2	.0736834	.0016257	-.000709	.0050563	.0005453	.0144408
#3	.0670449	.0052071	-.000797	.0048925	.0018429	.0128694

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB05 Acquired: 6/19/2025 18:29:41 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007265	-.000058	.0027872	-.000912	-.003904	F .0542705
Stddev	.0004310	.003486	.0011790	.000480	.002310	.0061379
%RSD	59.33269	6049.007	42.30058	52.57212	59.17498	11.30978
#1	.0005061	.003410	.0027330	-.000385	-.001769	.0519343
#2	.0004502	-.003563	.0016362	-.001029	-.006356	.0612335
#3	.0012231	-.000020	.0039923	-.001323	-.003587	.0496439

Elem	Sr4077
Units	ppm
Avg	.0004140
Stddev	.0000973
%RSD	23.49194
#1	.0005142
#2	.0003200
#3	.0004079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.665	36712.73	2926.603	3852.687	5009.513
Stddev	9.871	197.85	22.302	6.001	21.156
%RSD	.2872189	.5389232	.7620405	.1557658	.4223214
#1	3435.092	36501.19	2906.976	3854.067	5014.842
#2	3427.675	36743.79	2921.979	3857.877	4986.202
#3	3447.227	36893.22	2950.855	3846.116	5027.495

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2320-01 Acquired: 6/19/2025 18:34:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.013869**	**.0234825**	**.0132838**	**-.010871**	**.0050434**	**.0532585**	**.2783620**
Stddev	.003666	.0027003	.0020232	.000749	.0017010	.0229465	.0014024
%RSD	26.43157	11.49924	15.23031	6.894110	33.72642	43.08517	.5037992
#1	-.011864	.0203647	.0140866	-.011647	.0069737	.0745548	.2782884
#2	-.018101	.0250790	.0109824	-.010152	.0037640	.0562629	.2769979
#3	-.011644	.0250037	.0147823	-.010814	.0043925	.0289578	.2797998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000058**	**.0013429**	**139.8931**	**.0020038**	**.0360705**	**.0067711**	**.0350739**
Stddev	.000256	.0000902	.2363	.0005003	.0002317	.0008359	.0188472
%RSD	442.8766	6.719883	.1688871	24.96743	.6424408	12.34543	53.73565
#1	-.000336	.0013449	139.9370	.0019286	.0359676	.0060548	.0532929
#2	.000167	.0014321	140.1044	.0015454	.0363359	.0076895	.0156558
#3	-.000004	.0012517	139.6380	.0025374	.0359081	.0065690	.0362730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.456273**	**6.388233**	**.0085858**	**-.000790**	**282.4040**	**.0065824**	**.1243859**
Stddev	.002790	.039259	.0004577	.000320	2.3799	.0078331	.0006211
%RSD	.0807242	.6145493	5.330899	40.52869	.8427132	118.9995	.4993621
#1	3.455568	6.401098	.0084279	-.000878	282.7173	.0150776	.1239634
#2	3.459348	6.344156	.0091016	-.001056	284.6117	-.000354	.1240953
#3	3.453903	6.419445	.0082280	-.000435	279.8830	.005024	.1250991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.274621**	**.0141079**	**.0718877**	**-.008249**	**2.255692**	**1.746425**	**.0025568**
Stddev	.019388	.0009125	.0009244	.000163	.009533	.009238	.0004012
%RSD	.5920667	6.467903	1.285864	1.977284	.4226043	.5289682	15.69171
#1	3.284892	.0131234	.0727046	-.008269	2.247059	1.752542	.0022702
#2	3.286713	.0142751	.0720744	-.008401	2.254094	1.750935	.0023849
#3	3.252259	.0149253	.0708843	-.008077	2.265923	1.735798	.0030154

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2320-01 Acquired: 6/19/2025 18:34:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.003854**	**.0216050**	**.4769670**
Stddev	.000740	.0035399	.0012875
%RSD	19.20401	16.38469	.2699386
#1	-.003960	.0216767	.4784013
#2	-.004535	.0251085	.4759110
#3	-.003067	.0180297	.4765887

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3219.511**	**33863.75**	**2905.648**	**3584.353**	**4198.595**
Stddev	9.997	88.30	16.524	13.817	11.649
%RSD	.3105120	.2607494	.5686960	.3854718	.2774418
#1	3224.920	33816.81	2892.947	3590.841	4209.456
#2	3225.638	33965.61	2899.667	3593.731	4200.036
#3	3207.975	33808.84	2924.330	3568.486	4186.292

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04 Acquired: 6/19/2025 18:38:41 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000757**	**.0291140**	**.0590919**	**-.005543**	**.0055834**	**.7576615**	**.5448124**
Stddev	.001224	.0030861	.0011958	.003552	.0021277	.0078377	.0022920
%RSD	161.6825	10.60005	2.023591	64.07424	38.10785	1.034453	.4206965
#1	-.002127	.0268307	.0588216	-.006124	.0073535	.7492359	.5472566
#2	.000231	.0326250	.0580543	-.001737	.0032228	.7590132	.5427113
#3	-.000376	.0278863	.0603996	-.008769	.0061738	.7647353	.5444692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002568**	**.0000316**	**127.7148**	**.0019742**	**.0372862**	**.0009384**	**26.79860**
Stddev	.0001350	.0000239	.3091	.0002893	.0004227	.0005475	.11007
%RSD	52.56036	75.73348	.2419912	14.65221	1.133586	58.34500	.4107233
#1	.0001026	.0000464	128.0710	.0020840	.0374861	.0003237	26.86071
#2	.0003534	.0000442	127.5550	.0016461	.0368007	.0011178	26.86358
#3	.0003144	.0000040	127.5183	.0021924	.0375719	.0013739	26.67152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.244990**	**3.002103**	**.0054250**	**.0010072**	**415.8872**	**.0117738**	**.0689164**
Stddev	.021548	.021768	.0003747	.0012208	2.9869	.0075194	.0003992
%RSD	.3450406	.7250919	6.905926	121.2049	.7181885	63.86570	.5792887
#1	6.267444	3.022406	.0056476	-.000392	418.4133	.0181818	.0693474
#2	6.224480	2.979118	.0049924	.001559	416.6578	.0034959	.0688425
#3	6.243045	3.004785	.0056350	.001855	412.5906	.0136438	.0685592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.017866**	**.0841849**	**.0614219**	**-.008864**	**.4530867**	**1.667265**	**.0030758**
Stddev	.004576	.0012625	.0006499	.000155	.0030348	.032879	.0006447
%RSD	.2267708	1.499642	1.058078	1.753666	.6697985	1.972005	20.96159
#1	2.022662	.0845516	.0609755	-.008697	.4512539	1.695389	.0026751
#2	2.017390	.0852234	.0611227	-.008891	.4514164	1.631117	.0027329
#3	2.013547	.0827796	.0621675	-.009005	.4565897	1.675290	.0038196

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04 Acquired: 6/19/2025 18:38:41 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0171951	.0223062	.4869689
Stddev	.0040166	.0052710	.0005962
%RSD	23.35884	23.63027	.1224283
#1	.0213096	.0168626	.4876045
#2	.0132842	.0226702	.4868800
#3	.0169916	.0273857	.4864221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.909	32649.37	2828.462	3489.033	4023.653
Stddev	6.697	129.18	13.081	17.753	16.342
%RSD	.2136254	.3956712	.4624848	.5088355	.4061570
#1	3133.728	32548.99	2814.431	3488.226	4023.041
#2	3142.118	32604.00	2830.633	3471.696	4040.292
#3	3128.882	32795.12	2840.322	3507.176	4007.624

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04DUP Acquired: 6/19/2025 18:43:13 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001140**	**.0246409**	**.0501542**	**-.001974**	**.0028195**	**.6578157**	**.4633463**
Stddev	.002318	.0011610	.0026326	.001286	.0004387	.0109835	.0008238
%RSD	203.3977	4.711564	5.249082	65.11374	15.55803	1.669685	.1777900
#1	-.003731	.0234492	.0516824	-.000771	.0024507	.6703972	.4630299
#2	.000738	.0247049	.0516658	-.003329	.0027032	.6529086	.4642813
#3	-.000427	.0257685	.0471143	-.001823	.0033045	.6501412	.4627275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003066**	**-.000083**	**109.3482**	**.0018245**	**.0338670**	**.0003635**	**22.98424**
Stddev	.0001665	.000039	.3331	.0007568	.0001204	.0002516	.11398
%RSD	54.30285	46.67707	.3045774	41.48139	.3555018	69.20050	.4959083
#1	.0001148	-.000109	109.0446	.0026307	.0339798	.0001586	22.88508
#2	.0004133	-.000102	109.7045	.0011294	.0338809	.0006443	23.10877
#3	.0003918	-.000038	109.2957	.0017133	.0337402	.0002876	22.95887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.353144**	**2.640035**	**.0033843**	**.0010468**	**359.5783**	**.0056524**	**.0583450**
Stddev	.008615	.072990	.0003921	.0007176	2.1391	.0049611	.0003092
%RSD	.1609336	2.764740	11.58546	68.55580	.5948776	87.76943	.5300018
#1	5.348093	2.650231	.0030300	.0018752	361.8796	.0062130	.0586406
#2	5.363091	2.562483	.0033172	.0006490	359.2047	.0004349	.0583705
#3	5.348247	2.707391	.0038056	.0006162	357.6507	.0103095	.0580237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.691982**	**.0695102**	**.0522166**	**-.008466**	**.3801425**	**1.378134**	**.0025446**
Stddev	.007458	.0019810	.0016457	.000320	.0057024	.004201	.0006861
%RSD	.4408041	2.849946	3.151597	3.785533	1.500056	.3048125	26.96164
#1	1.685154	.0705667	.0509458	-.008796	.3817518	1.380296	.0033367
#2	1.690852	.0672249	.0540755	-.008155	.3738085	1.373292	.0021572
#3	1.699941	.0707389	.0516284	-.008446	.3848673	1.380813	.0021398

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04DUP Acquired: 6/19/2025 18:43:13 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0141981	.0188516	.4148851
Stddev	.0014417	.0015358	.0011971
%RSD	10.15411	8.146880	.2885300
#1	.0144609	.0203092	.4158262
#2	.0126431	.0189977	.4152913
#3	.0154904	.0172480	.4135378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.575	32849.86	2825.102	3509.014	4059.497
Stddev	8.244	179.72	12.643	27.831	11.620
%RSD	.2619982	.5470817	.4475124	.7931150	.2862495
#1	3156.053	32797.39	2830.123	3511.035	4070.749
#2	3141.073	32702.22	2810.720	3480.228	4047.541
#3	3142.598	33049.97	2834.462	3535.779	4060.202

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04LX5 Acquired: 6/19/2025 18:47:44 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005828**	**.0098207**	**.0111250**	**.0019513**	**.0020213**	**.1526723**	**.1026565**
Stddev	.003886	.0008979	.0002864	.0041997	.0005178	.0097591	.0007223
%RSD	66.67320	9.142747	2.574712	215.2264	25.61702	6.392167	.7036183
#1	-.009953	.0089754	.0107959	.0067354	.0023802	.1417897	.1019464
#2	-.002236	.0107633	.0113178	.0002462	.0022561	.1606467	.1033904
#3	-.005296	.0097234	.0112615	-.001128	.0014277	.1555806	.1026327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002631**	**.0000223**	**23.90376**	**-.000242**	**.0119648**	**-.000291**	**5.016325**
Stddev	.0001073	.0000897	.04611	.001119	.0005382	.000402	.004844
%RSD	40.79140	402.3054	.1928961	461.4913	4.498256	138.1466	.0965555
#1	.0003822	.0000690	23.92280	-.000713	.0113990	-.000610	5.021745
#2	.0002329	-.000081	23.85118	-.001049	.0120251	.000161	5.014806
#3	.0001740	.000079	23.93731	.001035	.0124704	-.000425	5.012422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.174909**	**.5675958**	**.0001704**	**-.000095**	**87.85395**	**.0085237**	**.0122650**
Stddev	.000901	.0321318	.0003116	.000625	.57418	.0023623	.0001153
%RSD	.0767195	5.661041	182.8719	656.4272	.6535664	27.71430	.9400841
#1	1.173904	.5437534	-.000178	-.000727	88.47659	.0080791	.0123918
#2	1.175646	.5548977	.000268	.000523	87.34534	.0064153	.0121664
#3	1.175178	.6041363	.000422	-.000081	87.73991	.0110767	.0122368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3153514**	**.0156578**	**.0134900**	**-.003581**	**.0814621**	**.3042835**	**-.000216**
Stddev	.0019763	.0015866	.0012588	.000607	.0038029	.0026923	.000880
%RSD	.6267080	10.13281	9.331079	16.94430	4.668272	.8848071	408.2543
#1	.3176329	.0144767	.0149430	-.003473	.0835986	.3073922	.000281
#2	.3141647	.0150356	.0127305	-.003035	.0837163	.3027182	.000304
#3	.3142567	.0174612	.0127964	-.004234	.0770715	.3027399	-.001231

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04LX5 Acquired: 6/19/2025 18:47:44 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.001087**	**.1015476**	**.0907824**
Stddev	.004084	.0051852	.0005897
%RSD	375.8271	5.106127	.6495847
#1	-.003110	.1045472	.0902826
#2	-.003764	.1045353	.0906318
#3	.003614	.0955603	.0914328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3314.420**	**34977.75**	**2904.216**	**3707.004**	**4472.453**
Stddev	3.602	138.75	12.964	23.521	2.242
%RSD	.1086793	.3966906	.4463918	.6344932	.0501202
#1	3317.537	35136.64	2889.921	3722.660	4474.621
#2	3310.476	34916.18	2915.212	3718.394	4472.595
#3	3315.245	34880.44	2907.515	3679.956	4470.144

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04MS Acquired: 6/19/2025 18:52:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8646921	2.020177	1.081766	2.104890	.8468989	3.108319	.7984593
Stddev	.0029806	.004124	.004255	.005892	.0024363	.017496	.0016762
%RSD	.3447016	.2041651	.3933443	.2799233	.2876717	.5628897	.2099293
#1	.8681054	2.022285	1.080994	2.110324	.8457294	3.107334	.7966151
#2	.8626038	2.022822	1.086355	2.105719	.8452679	3.126287	.7988728
#3	.8633670	2.015425	1.077950	2.098628	.8496994	3.091336	.7998901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2115672	.2167319	138.1767	.4341136	.2503373	.3067611	32.09946
Stddev	.0013510	.0000361	.6640	.0005259	.0006931	.0013885	.07009
%RSD	.6385693	.0166385	.4805451	.1211521	.2768775	.4526450	.2183625
#1	.2111040	.2167593	137.8801	.4338258	.2498935	.3057905	32.01922
#2	.2130888	.2166911	138.9374	.4347206	.2511360	.3083516	32.13038
#3	.2105086	.2167454	137.7128	.4337943	.2499824	.3061411	32.14878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.911234	5.233573	.5358601	.0770177	444.4107	.3281580	.2922671
Stddev	.025478	.017249	.0010396	.0004792	1.8894	.0024833	.0011737
%RSD	.3686526	.3295833	.1940129	.6221417	.4251498	.7567418	.4015912
#1	6.899781	5.243777	.5346675	.0775386	445.7037	.3268817	.2924444
#2	6.940429	5.213657	.5365753	.0769187	442.2424	.3265723	.2910149
#3	6.893492	5.243283	.5363375	.0765958	445.2860	.3310199	.2933422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.04612	6.777357	.3530933	.4255763	.4843758	2.906455	.7378580
Stddev	.12892	.005178	.0020226	.0008997	.0056009	.014145	.0017365
%RSD	.8034462	.0764070	.5728316	.2114080	1.156310	.4866593	.2353379
#1	15.99070	6.782067	.3507587	.4248012	.4785646	2.895947	.7371687
#2	16.19349	6.778193	.3543198	.4253647	.4897396	2.922537	.7398333
#3	15.95418	6.771812	.3542012	.4265629	.4848231	2.900882	.7365721

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04MS Acquired: 6/19/2025 18:52:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2256053	.2198300	.7343907
Stddev	.0029117	.0043712	.0010993
%RSD	1.290615	1.988445	.1496824
#1	.2242368	.2150908	.7336239
#2	.2236299	.2206956	.7356501
#3	.2289491	.2237037	.7338982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.726	32558.47	2790.260	3481.454	3978.042
Stddev	12.894	76.57	7.568	13.544	15.590
%RSD	.4147650	.2351762	.2712299	.3890368	.3918959
#1	3122.303	32505.89	2793.053	3481.840	3996.040
#2	3107.229	32646.32	2781.692	3494.801	3968.761
#3	3096.646	32523.21	2796.034	3467.721	3969.324

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04MSD Acquired: 6/19/2025 18:56:37 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7978367**	**1.893503**	**1.002317**	**1.959366**	**.7998188**	**2.762234**	**.6523417**
Stddev	.0079358	.004019	.002097	.006490	.0012112	.163165	.0401861
%RSD	.9946640	.2122305	.2091701	.3312544	.1514385	5.906996	6.160279
#1	.8018940	1.893791	1.001587	1.966379	.8010950	2.950568	.6984611
#2	.7886925	1.889348	1.004681	1.953570	.7986851	2.663503	.6248474
#3	.8029236	1.897370	1.000684	1.958150	.7996762	2.672633	.6337164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1978624**	**.2017479**	**108.0504**	**.4066044**	**.2303750**	**.2892971**	**25.68595**
Stddev	.0108567	.0001797	6.7011	.0003271	.0000688	.0166721	1.56954
%RSD	5.486987	.0890515	6.201791	.0804481	.0298552	5.762953	6.110508
#1	.2103930	.2019523	115.7403	.4067200	.2304111	.3085234	27.49652
#2	.1919241	.2016766	103.4615	.4062352	.2302957	.2805334	24.71100
#3	.1912702	.2016149	104.9494	.4068581	.2304182	.2788346	24.85034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.447755**	**4.457161**	**.4996202**	**.0718363**	**353.0379**	**.3080347**	**.2634835**
Stddev	.329130	.269853	.0009307	.0001563	19.9281	.0243523	.0006059
%RSD	6.041568	6.054361	.1862737	.2175615	5.644749	7.905716	.2299574
#1	5.824549	4.767838	.5006223	.0719985	376.0407	.3359883	.2641185
#2	5.216391	4.281076	.4994551	.0718236	341.0039	.2914152	.2634204
#3	5.302325	4.322569	.4987831	.0716867	342.0692	.2967007	.2629116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.32533**	**6.274481**	**.3217279**	**.4004339**	**.3813511**	**2.394192**	**.6939400**
Stddev	.82494	.010476	.0185358	.0007649	.0025517	.132795	.0006470
%RSD	5.758618	.1669659	5.761315	.1910100	.6691292	5.546529	.0932384
#1	15.27482	6.279004	.3430575	.4008922	.3832269	2.547412	.6946639
#2	13.78440	6.262503	.3125989	.3995510	.3823810	2.322792	.6934182
#3	13.91677	6.281936	.3095272	.4008586	.3784454	2.312373	.6937378

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04MSD Acquired: 6/19/2025 18:56:37 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2091960	.2048873	.6022856
Stddev	.0104315	.0100879	.0369885
%RSD	4.986454	4.923646	6.141357
#1	.2211712	.2163898	.6446671
#2	.2020852	.1975437	.5765121
#3	.2043317	.2007284	.5856775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.652	34331.73	2923.024	3637.920	4222.673
Stddev	2.181	256.83	164.124	20.468	5.094
%RSD	.0666506	.7480779	5.614884	.5626233	.1206305
#1	3271.194	34144.69	2733.691	3620.086	4217.094
#2	3275.160	34624.55	3024.874	3660.268	4223.847
#3	3271.602	34225.93	3010.508	3633.407	4227.077

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04A Acquired: 6/19/2025 19:01:05 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8328931	1.974495	1.041432	2.039472	.8247034	2.761939	.6971749
Stddev	.0079335	.003908	.005584	.004399	.0014938	.034901	.0009937
%RSD	.9525277	.1979109	.5361740	.2156700	.1811300	1.263628	.1425316
#1	.8278417	1.973201	1.036276	2.037643	.8259624	2.799046	.6968983
#2	.8288003	1.978885	1.040658	2.044490	.8230528	2.757000	.6963488
#3	.8420372	1.971398	1.047363	2.036282	.8250950	2.729771	.6982776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2068395	.2103595	114.9614	.4233783	.2399767	.3032796	27.34436
Stddev	.0004081	.0003519	.1117	.0014272	.0004160	.0004745	.07890
%RSD	.1973073	.1672854	.0971517	.3371048	.1733497	.1564692	.2885276
#1	.2064547	.2101634	114.9271	.4250046	.2394977	.3032455	27.28166
#2	.2072675	.2101494	115.0862	.4227960	.2401851	.3037703	27.43295
#3	.2067963	.2107658	114.8709	.4223343	.2402474	.3028230	27.31848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.773534	4.615217	.5216636	.0720318	378.3327	.3184307	.2775359
Stddev	.010606	.068020	.0012959	.0008282	1.9656	.0027673	.0017789
%RSD	.1836973	1.473820	.2484222	1.149735	.5195460	.8690331	.6409529
#1	5.762068	4.691522	.5209063	.0713135	377.9924	.3197827	.2794673
#2	5.782993	4.593182	.5209246	.0729377	380.4462	.3202622	.2771757
#3	5.775541	4.560946	.5231600	.0718441	376.5595	.3152474	.2759647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13773	6.555641	.3384289	.4133211	.3912368	2.415415	.7248490
Stddev	.03813	.007439	.0016471	.0002148	.0039146	.004835	.0000609
%RSD	.2518688	.1134759	.4866795	.0519812	1.000563	.2001541	.0083999
#1	15.14852	6.554969	.3391716	.4130969	.3944670	2.410344	.7248161
#2	15.16930	6.548561	.3365413	.4133410	.3868834	2.415929	.7248117
#3	15.09537	6.563394	.3395738	.4135252	.3923601	2.419973	.7249193

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2325-04A Acquired: 6/19/2025 19:01:05 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2210294	.2143985	.6420439
Stddev	.0029215	.0066917	.0007330
%RSD	1.321753	3.121134	.1141638
#1	.2183302	.2091989	.6412013
#2	.2206266	.2219482	.6423960
#3	.2241313	.2120483	.6425344

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.321	32930.88	2804.102	3497.725	4077.766
Stddev	12.225	135.58	1.829	10.944	11.398
%RSD	.3869567	.4117083	.0652193	.3128893	.2795264
#1	3172.193	32775.63	2806.145	3485.429	4090.114
#2	3147.866	32991.08	2802.619	3501.347	4067.645
#3	3157.904	33025.94	2803.541	3506.399	4075.540

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168497TB Acquired: 6/19/2025 19:05:33 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001677**	**-.002918**	**.0006129**	**.0016673**	**-.000841**	**.0003439**	**.0012702**
Stddev	.001327	.001889	.0005422	.0025365	.002536	.0068414	.0007912
%RSD	79.13544	64.74076	88.47002	152.1362	301.4581	1989.140	62.29028
#1	-.001351	-.002822	.0006534	.0045962	-.001578	.0041191	.0020313
#2	-.003136	-.001079	.0000516	.0001877	.001982	.0044660	.0013273
#3	-.000543	-.004854	.0011338	.0002180	-.002928	-.007553	.0004520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000269**	**.0000456**	**.0002242**	**.0010439**	**.0000440**	**.0002538**	**.0036941**
Stddev	.0001393	.0001190	.0051398	.0003633	.0003276	.0004254	.0210363
%RSD	516.8910	261.2081	2292.374	34.80367	743.7461	167.6535	569.4511
#1	-.000121	-.000041	.0046089	.0013536	-.000226	-.000055	.0025292
#2	.000046	.000181	-.005432	.0011341	.000409	.000078	-.016735
#3	.000156	-.000003	.001496	.0006440	-.000051	.000739	.025289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017057**	**-.010724**	**.0011247**	**.0001399**	**308.3329**	**.0134778**	**-.000314**
Stddev	.0006373	.044809	.0002457	.0001968	4.0138	.0060787	.000629
%RSD	37.36408	417.8439	21.84374	140.6549	1.301760	45.10145	200.6388
#1	.0011592	-.007586	.0014051	.0003260	310.6777	.0069541	-.001038
#2	.0024058	.032434	.0009470	-.000066	303.6983	.0144964	-.000002
#3	.0015521	-.057020	.0010222	.000160	310.6225	.0189828	.000099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0575048**	**.0072157**	**.0027231**	**.0005642**	**.0210880**	**.0030011**	**-.001425**
Stddev	.0013736	.0012847	.0007286	.0001077	.0038990	.0012411	.000531
%RSD	2.388676	17.80421	26.75772	19.08861	18.48900	41.35336	37.28076
#1	.0573811	.0059457	.0021448	.0005038	.0253026	.0019760	-.001179
#2	.0561972	.0085146	.0035415	.0005002	.0176096	.0026464	-.002034
#3	.0589360	.0071866	.0024829	.0006885	.0203519	.0043809	-.001061

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168497TB Acquired: 6/19/2025 19:05:33 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001311	.0092012	.0000429
Stddev	.001485	.0017319	.0001909
%RSD	113.2946	18.82291	445.1495
#1	-.000689	.0094826	.0002516
#2	-.003005	.0107752	-.000000
#3	-.000238	.0073458	-.000123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.563	33520.80	2848.333	3568.250	4234.749
Stddev	12.243	309.08	38.355	32.154	15.975
%RSD	.3848218	.9220421	1.346580	.9011268	.3772457
#1	3185.082	33457.75	2820.688	3573.218	4239.359
#2	3191.661	33856.53	2892.121	3597.630	4247.913
#3	3167.945	33248.10	2832.191	3533.900	4216.976

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168511BL Acquired: 6/19/2025 19:10:11 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010541	.0003552	-.000308	.0029404	.0002269	F .2283362
Stddev	.0005919	.0009694	.000467	.0012075	.0012798	.0108627
%RSD	56.15410	272.9405	151.4895	41.06548	564.1069	4.757345
#1	.0003844	-.000736	-.000805	.0015639	.0016487	.2257420
#2	.0015071	.000683	-.000241	.0038207	-.000833	.2402612
#3	.0012709	.001118	.000122	.0034367	-.000135	.2190054

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023663	.0002294	.0000816	.0177309	-.000361	-.000191
Stddev	.0003475	.0001536	.0000584	.0083457	.000241	.000269
%RSD	14.68350	66.94436	71.52361	47.06864	66.91183	140.7431
#1	.0019677	.0000521	.0000447	.0267488	-.000596	.000019
#2	.0025265	.0003150	.0001489	.0161646	-.000114	-.000495
#3	.0026048	.0003212	.0000512	.0102794	-.000373	-.000099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	-.017329	-.000561	-.004183	.0003085	-.000795
Stddev	.000363	.005168	.000548	.027797	.0003079	.000459
%RSD	378.5459	29.82062	97.65416	664.5734	99.80083	57.67872
#1	-.000452	-.022694	.000012	.027801	.0004981	-.001263
#2	-.000111	-.012385	-.001080	-.017839	.0004740	-.000347
#3	.000274	-.016906	-.000615	-.022510	-.000047	-.000775

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2835852	.0116402	-.000395	.0183041	.0014923	.0011817
Stddev	.0317014	.0068470	.000138	.0010934	.0015934	.0015664
%RSD	11.17879	58.82218	34.96155	5.973720	106.7751	132.5520
#1	.3172566	.0189610	-.000483	.0194303	.0029917	.0029869
#2	.2791857	.0053941	-.000236	.0182352	-.000181	.0001822
#3	.2543134	.0105654	-.000467	.0172467	.001666	.0003760

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: PB168511BL Acquired: 6/19/2025 19:10:11 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002953	-.000783	-.001986	-.001058	-.001471	F .0984913
Stddev	.0000949	.001872	.001119	.000968	.002865	.0063471
%RSD	32.14720	238.9518	56.34739	91.41507	194.7355	6.444336
#1	.0002673	-.002396	-.000794	-.002171	-.004462	.1057718
#2	.0004011	-.001224	-.003015	-.000412	.001248	.0955799
#3	.0002175	.001269	-.002149	-.000593	-.001200	.0941221

Elem	Sr4077
Units	ppm
Avg	.0002954
Stddev	.0000684
%RSD	23.16596
#1	.0002170
#2	.0003432
#3	.0003259

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.000	37491.69	2990.428	3915.687	5050.402
Stddev	8.578	290.65	17.812	31.568	13.491
%RSD	.2462788	.7752448	.5956425	.8061814	.2671284
#1	3492.892	37157.75	2973.673	3879.397	5065.468
#2	3478.489	37687.62	2988.476	3930.877	5046.299
#3	3477.619	37629.71	3009.136	3936.789	5039.439

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2328-05 Acquired: 6/19/2025 19:14:40 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.013612**	**.0166975**	**.2982998**	**.0002659**	**.0037401**	**.1113761**	**.5255976**
Stddev	.001304	.0015639	.0006451	.0030200	.0024452	.0129982	.0129873
%RSD	9.580163	9.366314	.2162540	1135.608	65.37706	11.67053	2.470965
#1	-.014377	.0163777	.2976839	-.002933	.0059803	.1247636	.5315644
#2	-.012106	.0183966	.2982448	.000663	.0011317	.1105590	.5345293
#3	-.014353	.0153181	.2989706	.003068	.0041082	.0988058	.5106991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000511**	**.0018307**	**50.88689**	**.0022183**	**.0401745**	**-.000162**	**10.35690**
Stddev	.0001665	.0000744	1.36463	.0006567	.0001490	.000285	.31205
%RSD	325.8152	4.066848	2.681689	29.60190	.3708098	175.4231	3.013009
#1	.0002170	.0018707	51.75813	.0025849	.0402416	-.000122	10.60483
#2	.0000521	.0017448	51.58834	.0026097	.0400038	.000100	10.45939
#3	-.000116	.0018767	49.31421	.0014602	.0402781	-.000466	10.00649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.158304**	**2.134898**	**.0359870**	**-.000056**	**282.9299**	**.0146641**	**4.007082**
Stddev	.080528	.085808	.0000750	.000795	5.6484	.0030802	.012942
%RSD	2.549730	4.019296	.2083120	1426.692	1.996393	21.00486	.3229700
#1	3.205963	2.223453	.0359032	.000829	287.3272	.0177086	4.018215
#2	3.203621	2.129111	.0360103	-.000709	284.9028	.0115494	3.992883
#3	3.065328	2.052130	.0360476	-.000287	276.5597	.0147342	4.010150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.616931**	**.0179052**	**.0991357**	**-.005964**	**.7255938**	**1.671295**	**.0006092**
Stddev	.057825	.0017926	.0024178	.000308	.0035285	.037328	.0009918
%RSD	2.209633	10.01149	2.438848	5.171903	.4862970	2.233474	162.8102
#1	2.657712	.0169555	.1013438	-.005778	.7251745	1.697655	-.000022
#2	2.642327	.0199728	.0995111	-.005794	.7222936	1.687650	.000097
#3	2.550755	.0167873	.0965522	-.006320	.7293132	1.628581	.001752

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2328-05 Acquired: 6/19/2025 19:14:40 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001287	.0139491	.2579100
Stddev	.002683	.0043001	.0064719
%RSD	208.5076	30.82723	2.509372
#1	-.001547	.0189034	.2617293
#2	-.003830	.0111849	.2615632
#3	.001517	.0117590	.2504375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.073	33665.47	2897.202	3572.987	4221.658
Stddev	4.068	176.49	69.333	20.808	2.482
%RSD	.1264561	.5242403	2.393096	.5823574	.0587815
#1	3215.403	33461.99	2845.518	3549.033	4222.400
#2	3221.711	33776.89	2870.094	3583.350	4223.684
#3	3214.106	33757.55	2975.993	3586.579	4218.890

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV06 Acquired: 6/19/2025 19:19:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.858932**	**4.930414**	**4.896338**	**5.001087**	**5.002726**	**9.823732**	**10.17411**
Stddev	.011293	.008048	.010173	.008066	.007274	.025547	.01805
%RSD	.2324194	.1632338	.2077753	.1612815	.1453991	.2600557	.1773784
#1	4.861524	4.922316	4.888453	4.992484	5.008837	9.794316	10.15327
#2	4.846569	4.930514	4.892740	5.008480	4.994681	9.840359	10.18424
#3	4.868705	4.938411	4.907822	5.002296	5.004662	9.836521	10.18481

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2507249**	**2.444489**	**24.85240**	**1.002935**	**2.454324**	**1.258218**	**4.814573**
Stddev	.0009518	.003728	.06018	.001464	.004680	.003580	.013514
%RSD	.3795985	.1525213	.2421551	.1459404	.1906918	.2845191	.2806971
#1	.2508945	2.441984	24.78344	1.002063	2.452634	1.257822	4.799004
#2	.2496998	2.442709	24.87941	1.004625	2.450723	1.254853	4.821439
#3	.2515805	2.448774	24.89434	1.002117	2.459614	1.261980	4.823277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.418879**	**24.50376**	**2.444689**	**1.244238**	**25.61683**	**2.446617**	**2.516891**
Stddev	.006736	.15284	.004033	.001956	.04883	.005165	.000303
%RSD	.2784769	.6237524	.1649875	.1571933	.1906237	.2111264	.0120265
#1	2.411347	24.34305	2.441977	1.245098	25.62800	2.441379	2.517218
#2	2.420965	24.52094	2.442765	1.245617	25.56339	2.451706	2.516621
#3	2.424325	24.64728	2.449324	1.242000	25.65912	2.446765	2.516834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.47626**	**4.923143**	**5.014609**	**4.999828**	**4.807625**	**5.000929**	**4.894529**
Stddev	.17202	.009109	.015630	.005216	.003841	.019795	.004204
%RSD	.6752232	.1850249	.3116847	.1043160	.0798868	.3958325	.0858874
#1	25.62805	4.913573	5.014185	4.997939	4.803418	4.984699	4.893080
#2	25.28941	4.924150	4.999196	4.995820	4.810944	4.995104	4.891240
#3	25.51131	4.931707	5.030447	5.005725	4.808513	5.022983	4.899265

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV06 Acquired: 6/19/2025 19:19:10 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.972583	5.105880	5.075771
Stddev	.016928	.008567	.006165
%RSD	.3404279	.1677965	.1214574
#1	4.954301	5.096986	5.068686
#2	4.987714	5.114079	5.079914
#3	4.975735	5.106576	5.078712

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.990	34934.38	2864.287	3675.131	4354.588
Stddev	16.629	30.13	10.270	7.646	25.609
%RSD	.5049910	.0862375	.3585553	.2080444	.5880974
#1	3304.877	34947.10	2864.915	3677.304	4372.955
#2	3300.107	34956.06	2874.229	3681.455	4365.476
#3	3273.987	34899.98	2853.717	3666.633	4325.334

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB06 Acquired: 6/19/2025 19:23:25 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003658**	**.0021174**	**.0002740**	**.0032490**	**-.000507**	**.0089637**
Stddev	.0025694	.0032208	.0006602	.0006795	.001344	.0130327
%RSD	702.4541	152.1094	240.9514	20.91371	265.2183	145.3947
#1	.0011044	-.001067	.0010359	.0027340	-.000071	.0082157
#2	.0024849	.002046	-.000126	.0040191	.000566	-.003679
#3	-.002492	.005373	-.000088	.0029938	-.002015	.022354

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021385**	**.0001001**	**.0002058**	**-.000739**	**-.000613**	**.0005822**
Stddev	.0016895	.0000890	.0000409	.006577	.000515	.0000940
%RSD	79.00367	88.97533	19.87562	890.1695	83.99741	16.14981
#1	.0032600	.0002012	.0001844	.006363	-.000077	.0005444
#2	.0029601	.0000656	.0001801	-.006620	-.000657	.0005130
#3	.0001953	.0000334	.0002530	-.001959	-.001104	.0006893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000951**	**.0036502**	**-.000573**	**-.016135**	**-.000293**	**.0002142**
Stddev	.000756	.0211852	.001614	.012976	.000382	.0007841
%RSD	79.46618	580.3886	281.8546	80.42043	130.3172	366.1160
#1	-.000092	.0126325	.000959	-.016681	.000146	.0011186
#2	-.001246	.0188644	-.002258	-.002895	-.000549	-.000200
#3	-.001516	-.020546	-.000419	-.028829	-.000477	-.000276

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0980572**	**.0095325**	**.0012656**	**.0126908**	**-.001113**	**.0148399**
Stddev	.0117334	.0027255	.0000362	.0008437	.001888	.0002626
%RSD	11.96587	28.59171	2.858864	6.648343	169.5932	1.769193
#1	.0875284	.0096939	.0012817	.0134060	-.000438	.0145460
#2	.1107061	.0067299	.0012241	.0117603	-.003246	.0150512
#3	.0959370	.0121738	.0012909	.0129060	.000344	.0149224

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB06 Acquired: 6/19/2025 19:23:25 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006251	-.000272	.0016618	.0009821	-.001941	F .0598144
Stddev	.0002443	.002127	.0009912	.0004311	.002111	.0019382
%RSD	39.09034	783.1189	59.64908	43.89640	108.7578	3.240361
#1	.0008525	.000869	.0027323	.0007388	-.002948	.0581394
#2	.0003667	.001042	.0007756	.0007276	-.003360	.0593665
#3	.0006559	-.002725	.0014775	.0014799	.000485	.0619374

Elem	Sr4077
Units	ppm
Avg	.0008823
Stddev	.0001779
%RSD	20.16013
#1	.0008883
#2	.0010570
#3	.0007015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.276	36757.25	2948.856	3849.189	5010.522
Stddev	2.295	99.81	25.050	20.901	3.562
%RSD	.0668379	.2715447	.8494893	.5430040	.0710920
#1	3436.577	36844.87	2950.133	3853.868	5014.550
#2	3434.264	36778.30	2973.242	3867.354	5007.788
#3	3431.986	36648.60	2923.191	3826.345	5009.227

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01 Acquired: 6/19/2025 19:27:54 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223751	-.027299	.1194687	.0274447	.0212018	79.21071	.5470087
Stddev	.0023326	.001395	.0006616	.0017644	.0038051	.24441	.0006310
%RSD	10.42476	5.109828	.5537749	6.428910	17.94695	.3085545	.1153523
#1	.0250666	-.028560	.1195610	.0256468	.0212374	78.92849	.5466821
#2	.0211175	-.027535	.1187657	.0275136	.0173790	79.35130	.5477361
#3	.0209413	-.025801	.1200792	.0291736	.0249889	79.35233	.5466080

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052022	.0020704	62.44462	.2116356	.1082641	1.270497	206.5169
Stddev	.0000860	.0001051	.14213	.0008546	.0002860	.008104	.4406
%RSD	1.652734	5.078096	.2276056	.4037817	.2641717	.6378833	.2133646
#1	.0051167	.0021174	62.31456	.2108334	.1079686	1.264028	206.0184
#2	.0052011	.0021439	62.59633	.2115390	.1082842	1.279587	206.6783
#3	.0052887	.0019500	62.42299	.2125343	.1085395	1.267875	206.8541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.374337	66.08194	.1703253	.0098997	2.603414	.3439769	.2955839
Stddev	.010825	.32436	.0006090	.0011330	.023191	.0035244	.0002752
%RSD	.4559129	.4908477	.3575804	11.44442	.8907790	1.024604	.0930905
#1	2.361839	65.71929	.1710013	.0106211	2.607367	.3418303	.2953457
#2	2.380763	66.18217	.1701554	.0085939	2.624374	.3480444	.2958851
#3	2.380408	66.34436	.1698192	.0104842	2.578501	.3420560	.2955209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.82515	4.786491	.4478842	-.002229	3.519298	5.943552	.0109276
Stddev	.26813	.000861	.0013449	.000241	.001518	.125420	.0001542
%RSD	1.228546	.0179832	.3002702	10.81426	.0431263	2.110186	1.411337
#1	21.63129	4.785862	.4474877	-.001985	3.520999	5.823349	.0108040
#2	22.13114	4.787472	.4493827	-.002467	3.518084	5.933699	.0111004
#3	21.71301	4.786139	.4467821	-.002234	3.518811	6.073608	.0108784

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01 Acquired: 6/19/2025 19:27:54 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**8.886658**	**.1558027**	**.1367731**
Stddev	.031838	.0032886	.0004642
%RSD	.3582629	2.110743	.3394035
#1	8.851344	.1532990	.1362962
#2	8.913166	.1545821	.1372235
#3	8.895462	.1595271	.1367996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3716.923**	**39124.64**	**3300.335**	**4152.157**	**4458.396**
Stddev	8.225	117.39	22.802	9.330	10.542
%RSD	.2212976	.3000306	.6908960	.2247065	.2364507
#1	3723.319	39260.09	3324.218	4162.822	4469.769
#2	3719.806	39052.38	3278.795	4148.143	4456.469
#3	3707.644	39061.46	3297.994	4145.505	4448.951

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01DUP Acquired: 6/19/2025 19:32:16 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199303	-.029130	.1245339	.0245723	.0211335	80.36959	.6448671
Stddev	.0013016	.003337	.0011638	.0038320	.0030392	.12620	.0020864
%RSD	6.530843	11.45601	.9345393	15.59465	14.38106	.1570278	.3235358
#1	.0214135	-.025372	.1242698	.0239824	.0177206	80.22410	.6440763
#2	.0193991	-.030271	.1235249	.0286650	.0235476	80.44953	.6432918
#3	.0189783	-.031747	.1258071	.0210694	.0221325	80.43514	.6472333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052889	.0006879	59.54895	.2140650	.0930776	1.097787	203.1355
Stddev	.0003223	.0000680	.12663	.0005485	.0002313	.001356	.6566
%RSD	6.093960	9.891486	.2126542	.2562318	.2484767	.1234947	.3232445
#1	.0056589	.0006805	59.40380	.2146974	.0933433	1.098774	202.3859
#2	.0050685	.0006238	59.60625	.2137187	.0929686	1.096241	203.4114
#3	.0051395	.0007593	59.63681	.2137789	.0929210	1.098346	203.6091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.864276	62.15671	.1617333	.0099758	2.854472	.3222791	.2822846
Stddev	.009999	.31846	.0003582	.0006334	.006195	.0077874	.0008561
%RSD	.5363413	.5123581	.2214957	6.349077	.2170374	2.416359	.3032663
#1	1.855550	61.96626	.1615765	.0104354	2.847390	.3138002	.2814167
#2	1.875187	62.52437	.1614802	.0102388	2.857142	.3291119	.2831283
#3	1.862092	61.97951	.1621432	.0092533	2.858885	.3239251	.2823087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.22885	6.383985	.1910383	-.001151	3.802464	4.200445	.0100679
Stddev	.09187	.006377	.0010084	.000506	.008629	.028320	.0000097
%RSD	.3641652	.0998944	.5278281	43.94619	.2269418	.6742207	.0962271
#1	25.12282	6.389774	.1919323	-.001700	3.807934	4.177015	.0100644
#2	25.28493	6.385032	.1899452	-.000706	3.806941	4.192403	.0100604
#3	25.27880	6.377149	.1912373	-.001045	3.792516	4.231917	.0100788

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01DUP Acquired: 6/19/2025 19:32:16 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**8.520651**	**.1663603**	**.1075947**
Stddev	.053612	.0034885	.0002596
%RSD	.6291983	2.096944	.2412989
#1	8.470710	.1653225	.1072988
#2	8.513941	.1702499	.1077007
#3	8.577302	.1635085	.1077845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3677.672**	**38660.75**	**3277.399**	**4105.546**	**4404.841**
Stddev	17.463	127.23	8.866	18.085	16.739
%RSD	.4748252	.3290810	.2705183	.4405088	.3800029
#1	3691.096	38807.59	3285.861	4120.950	4415.194
#2	3683.990	38583.60	3268.178	4085.633	4413.800
#3	3657.930	38591.05	3278.158	4110.056	4385.530

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01LX5 Acquired: 6/19/2025 19:36:40 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020682	-.003093	.0237179	.0064606	.0022591	17.24988	.1184807
Stddev	.0027530	.002432	.0014304	.0013459	.0012303	.00916	.0012260
%RSD	133.1094	78.62029	6.030941	20.83251	54.45905	.0530772	1.034742
#1	.0001421	-.003452	.0248138	.0076586	.0035695	17.24519	.1171691
#2	.0052213	-.000502	.0220998	.0050043	.0020790	17.24402	.1195978
#3	.0008412	-.005325	.0242403	.0067190	.0011288	17.26043	.1186753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013377	.0002219	13.53660	.0459516	.0245564	.2810960	44.88091
Stddev	.0000282	.0000222	.03541	.0005631	.0002878	.0034327	.01935
%RSD	2.107585	10.01127	.2616230	1.225427	1.171899	1.221191	.0431222
#1	.0013620	.0001970	13.54158	.0461722	.0247535	.2802274	44.85859
#2	.0013068	.0002291	13.49896	.0463711	.0242262	.2781809	44.89307
#3	.0013443	.0002397	13.56926	.0453117	.0246896	.2848795	44.89108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5149504	14.57499	.0323976	.0019621	.6161853	.0794290	.0627282
Stddev	.0007962	.10330	.0003281	.0006783	.0133430	.0024686	.0005675
%RSD	.1546155	.7087708	1.012625	34.56990	2.165424	3.107933	.9046296
#1	.5151881	14.59860	.0321579	.0026047	.6016523	.0786306	.0633607
#2	.5140624	14.66444	.0327715	.0012530	.6278825	.0821980	.0622638
#3	.5156007	14.46193	.0322634	.0020286	.6190209	.0774584	.0625602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.822222	.9179130	.1036824	-.001007	.6687435	1.568452	.0019383
Stddev	.041791	.0022174	.0004918	.000634	.0014311	.053619	.0003798
%RSD	1.093363	.2415730	.4743531	62.97517	.2139971	3.418619	19.59351
#1	3.815021	.9199403	.1037979	-.001574	.6698776	1.521474	.0015062
#2	3.784501	.9155449	.1041062	-.000322	.6692174	1.557016	.0022192
#3	3.867146	.9182539	.1031432	-.001123	.6671356	1.626867	.0020895

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01LX5 Acquired: 6/19/2025 19:36:40 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.906067	.0687599	.0296023
Stddev	.009550	.0033907	.0001947
%RSD	.5010406	4.931280	.6578052
#1	1.909917	.0723579	.0295671
#2	1.913092	.0682982	.0294276
#3	1.895193	.0656237	.0298123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.259	36619.27	3014.160	3864.681	4691.604
Stddev	14.359	160.01	23.626	6.502	13.257
%RSD	.4149790	.4369440	.7838256	.1682352	.2825591
#1	3454.367	36743.07	3029.936	3861.311	4684.876
#2	3476.627	36438.60	3025.545	3872.176	4706.876
#3	3449.783	36676.15	2986.997	3860.556	4683.061

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01MS Acquired: 6/19/2025 19:40:59 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7747579	1.949974	1.146766	1.697212	.3825311	106.7895	.9122668
Stddev	.0044665	.000394	.001902	.002264	.0025379	.3632	.0011036
%RSD	.5765088	.0201907	.1658149	.1333900	.6634468	.3400794	.1209685
#1	.7769312	1.949845	1.146411	1.694726	.3827930	106.7274	.9110310
#2	.7696206	1.949660	1.145067	1.697753	.3798724	107.1798	.9126155
#3	.7777218	1.950416	1.148820	1.699155	.3849279	106.4615	.9131539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1917422	.2029288	53.08363	.6018725	.3157239	1.588057	232.0481
Stddev	.0008398	.0000219	.14821	.0003462	.0004815	.005665	.7322
%RSD	.4379653	.0108036	.2792000	.0575226	.1524956	.3566991	.3155504
#1	.1921761	.2029126	52.92707	.6015057	.3151708	1.593090	231.7024
#2	.1922763	.2029202	53.22177	.6019179	.3159522	1.589157	232.8892
#3	.1907742	.2029538	53.10204	.6021937	.3160488	1.581923	231.5528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.589745	67.07938	.7081009	.0797094	5.892790	.6599553	.5202854
Stddev	.001654	.07482	.0013196	.0001397	.017026	.0012495	.0002476
%RSD	.0638551	.1115449	.1863628	.1753009	.2889264	.1893252	.0475933
#1	2.587992	67.04194	.7072993	.0798707	5.903060	.6603710	.5200026
#2	2.591277	67.16553	.7096240	.0796266	5.902174	.6609438	.5204636
#3	2.589966	67.03067	.7073794	.0796309	5.873137	.6585509	.5203899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.23611	11.35713	.5169852	.3577151	3.795550	4.920621	.7158169
Stddev	.30803	.00948	.0029202	.0010277	.001350	.040904	.0015837
%RSD	.7850771	.0834623	.5648604	.2872974	.0355786	.8312796	.2212388
#1	39.50989	11.35180	.5169194	.3574523	3.796457	4.953141	.7170851
#2	38.90257	11.36807	.5199378	.3588486	3.793998	4.934026	.7140419
#3	39.29585	11.35151	.5140984	.3568442	3.796194	4.874696	.7163237

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01MS Acquired: 6/19/2025 19:40:59 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**9.874833**	**.3688588**	**.3058157**
Stddev	.004791	.0007964	.0007732
%RSD	.0485209	.2159161	.2528344
#1	9.880130	.3696006	.3067072
#2	9.873566	.3680172	.3054116
#3	9.870802	.3689586	.3053282

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3687.578**	**38654.34**	**3252.756**	**4114.068**	**4309.452**
Stddev	9.374	113.95	8.388	11.498	12.208
%RSD	.2541926	.2947870	.2578697	.2794749	.2832917
#1	3697.463	38695.51	3243.758	4115.511	4319.930
#2	3686.454	38741.97	3260.359	4124.776	4312.381
#3	3678.817	38525.52	3254.152	4101.917	4296.046

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01MSD Acquired: 6/19/2025 19:45:15 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7839253**	**1.978166**	**1.128276**	**1.734689**	**.4004080**	**91.15546**	**.8492161**
Stddev	.0042267	.004404	.002547	.001249	.0014198	.07032	.0036001
%RSD	.5391664	.2226516	.2257595	.0720193	.3545844	.0771395	.4239324
#1	.7791752	1.983097	1.125494	1.733269	.4019586	91.08033	.8525974
#2	.7853297	1.974621	1.128840	1.735178	.4000936	91.16637	.8454312
#3	.7872710	1.976781	1.130493	1.735620	.3991717	91.21969	.8496197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1936869**	**.2038019**	**81.83189**	**.6023137**	**.3118805**	**1.684068**	**216.9946**
Stddev	.0002536	.0004458	.14241	.0001684	.0008766	.002356	.2985
%RSD	.1309496	.2187299	.1740261	.0279506	.2810532	.1399079	.1375535
#1	.1939695	.2035208	81.81306	.6021233	.3116633	1.681678	217.1834
#2	.1936121	.2035690	81.69983	.6023746	.3111329	1.684136	216.6505
#3	.1934791	.2043159	81.98278	.6024430	.3128452	1.686389	217.1500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.344712**	**79.26782**	**.7120365**	**.0798157**	**5.402534**	**.6275436**	**.5123583**
Stddev	.005600	.07568	.0015482	.0006463	.006976	.0014911	.0012442
%RSD	.2388332	.0954732	.2174329	.8097219	.1291285	.2376121	.2428383
#1	2.348479	79.32097	.7104537	.0797518	5.396429	.6273943	.5110456
#2	2.338277	79.18118	.7121083	.0804916	5.401035	.6291038	.5125090
#3	2.347379	79.30133	.7135476	.0792038	5.410138	.6261328	.5135203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**38.75840**	**11.64549**	**.4821915**	**.3665662**	**4.629834**	**5.310844**	**.7112820**
Stddev	.08061	.00994	.0004905	.0006433	.002868	.074790	.0006141
%RSD	.2079919	.0853435	.1017149	.1754804	.0619429	1.408251	.0863433
#1	38.67746	11.63625	.4827388	.3664142	4.626613	5.237247	.7117370
#2	38.83868	11.64421	.4820441	.3660126	4.632109	5.308513	.7105834
#3	38.75907	11.65601	.4817917	.3672719	4.630781	5.386773	.7115255

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01MSD Acquired: 6/19/2025 19:45:15 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**9.483144**	**.3861151**	**.3308643**
Stddev	.034524	.0032792	.0011191
%RSD	.3640613	.8492804	.3382233
#1	9.500732	.3826991	.3320511
#2	9.443367	.3892377	.3298283
#3	9.505332	.3864086	.3307135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3549.944**	**37383.69**	**3161.653**	**3966.374**	**4208.819**
Stddev	4.652	42.72	10.840	13.174	10.920
%RSD	.1310393	.1142785	.3428720	.3321517	.2594491
#1	3555.233	37431.13	3174.063	3978.034	4218.729
#2	3548.108	37348.25	3156.864	3952.082	4210.616
#3	3546.489	37371.70	3154.031	3969.006	4197.112

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01A Acquired: 6/19/2025 19:49:31 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7721705**	**1.849002**	**1.049287**	**1.736470**	**.7325273**	**80.54123**	**.7342902**
Stddev	.0004825	.003747	.002383	.005989	.0019288	.28627	.0029017
%RSD	.0624827	.2026543	.2271113	.3449153	.2633087	.3554311	.3951742
#1	.7716162	1.845323	1.046536	1.737610	.7346873	80.44620	.7319100
#2	.7723996	1.848868	1.050680	1.729992	.7309771	80.31456	.7334381
#3	.7724957	1.852813	1.050645	1.741807	.7319175	80.86293	.7375226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1823194**	**.1901877**	**63.71710**	**.5708603**	**.3004431**	**1.546324**	**210.7932**
Stddev	.0010941	.0006873	.32128	.0018730	.0004436	.009257	.4237
%RSD	.6001162	.3613757	.5042363	.3280957	.1476621	.5986218	.2010159
#1	.1834737	.1895151	63.49176	.5727072	.3002063	1.553539	210.7763
#2	.1812975	.1901592	63.57453	.5689623	.3001682	1.535887	210.3781
#3	.1821870	.1908888	64.08499	.5709115	.3009550	1.549547	211.2251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.555724**	**68.14717**	**.6460590**	**.0753969**	**4.977296**	**.6130014**	**.4703450**
Stddev	.005863	.39087	.0015811	.0003885	.024743	.0055288	.0025921
%RSD	.2293988	.5735661	.2447301	.5153241	.4971236	.9019233	.5511150
#1	2.551666	67.81347	.6447052	.0756579	4.982266	.6067825	.4683493
#2	2.553061	68.05085	.6456751	.0755824	4.950445	.6148612	.4694110
#3	2.562446	68.57720	.6477967	.0749504	4.999177	.6173605	.4732747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**31.34311**	**10.42882**	**.7000770**	**.3537907**	**3.480789**	**4.529270**	**.6838939**
Stddev	.38097	.03241	.0029470	.0009073	.012442	.072271	.0030821
%RSD	1.215467	.3107825	.4209512	.2564618	.3574487	1.595635	.4506699
#1	31.39154	10.40739	.7000351	.3538564	3.474766	4.601216	.6835780
#2	30.94025	10.41297	.6971512	.3528523	3.472505	4.456679	.6809819
#3	31.69755	10.46611	.7030447	.3546634	3.495097	4.529917	.6871218

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: Q2358-01A Acquired: 6/19/2025 19:49:31 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**9.091330**	**.3337424**	**.3161545**
Stddev	.048457	.0001037	.0017760
%RSD	.5330024	.0310761	.5617645
#1	9.050765	.3337209	.3147040
#2	9.078237	.3336512	.3156242
#3	9.144989	.3338552	.3181353

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3581.855**	**37723.04**	**3170.518**	**4006.611**	**4288.224**
Stddev	2.632	36.21	17.307	11.115	9.903
%RSD	.0734712	.0959780	.5458706	.2774151	.2309431
#1	3583.528	37694.08	3156.028	4018.635	4296.096
#2	3583.216	37763.63	3189.682	3996.712	4291.472
#3	3578.822	37711.40	3165.843	4004.484	4277.105

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV07 Acquired: 6/19/2025 19:53:48 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.856687**	**4.890903**	**4.899635**	**4.994773**	**4.997722**	**9.818855**	**10.19743**
Stddev	.007715	.008463	.005595	.008733	.008445	.051861	.08177
%RSD	.1588582	.1730410	.1142000	.1748515	.1689826	.5281819	.8018445
#1	4.859895	4.882097	4.893403	5.002879	5.006320	9.763620	10.10310
#2	4.847886	4.891637	4.904228	4.995915	4.989438	9.866508	10.24813
#3	4.862281	4.898976	4.901273	4.985525	4.997409	9.826437	10.24107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2494730**	**2.434398**	**24.93770**	**1.003626**	**2.456074**	**1.257364**	**4.890024**
Stddev	.0023488	.002939	.11740	.003443	.002003	.010454	.020406
%RSD	.9414891	.1207228	.4707875	.3430150	.0815533	.8313958	.4173022
#1	.2469642	2.431167	24.81677	1.001346	2.453840	1.245539	4.874912
#2	.2516196	2.435115	24.94510	1.001947	2.457709	1.265377	4.913237
#3	.2498353	2.436912	25.05123	1.007586	2.456674	1.261175	4.881924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.419271**	**24.42132**	**2.441469**	**1.248207**	**25.58223**	**2.443507**	**2.512764**
Stddev	.009581	.17930	.001359	.000557	.24139	.008228	.005241
%RSD	.3960451	.7341781	.0556482	.0446630	.9435941	.3367489	.2085758
#1	2.408600	24.21518	2.440173	1.247707	25.30715	2.435325	2.506915
#2	2.427135	24.54106	2.442883	1.248107	25.68077	2.451781	2.517032
#3	2.422079	24.50772	2.441352	1.248808	25.75876	2.443414	2.514346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.12539**	**4.909245**	**5.004572**	**4.989108**	**4.786953**	**5.009303**	**4.878211**
Stddev	.24599	.010149	.037679	.002655	.012192	.050803	.008013
%RSD	.9790587	.2067405	.7528823	.0532101	.2547000	1.014175	.1642667
#1	24.89701	4.898168	4.962528	4.989248	4.782420	4.950740	4.872234
#2	25.09330	4.911468	5.035285	4.986386	4.777676	5.041542	4.875083
#3	25.38585	4.918098	5.015902	4.991690	4.800763	5.035627	4.887317

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCV07 Acquired: 6/19/2025 19:53:48 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.969452	5.072150	5.083029
Stddev	.028982	.024575	.035970
%RSD	.5832084	.4845024	.7076421
#1	4.937271	5.047389	5.041506
#2	4.993497	5.072527	5.102942
#3	4.977587	5.096534	5.104638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.872	34531.68	2845.299	3657.132	4316.493
Stddev	5.708	280.76	27.317	25.468	11.687
%RSD	.1752475	.8130610	.9600584	.6963828	.2707489
#1	3262.908	34523.50	2870.122	3663.300	4329.188
#2	3251.563	34816.44	2849.742	3678.949	4306.181
#3	3256.144	34255.10	2816.034	3629.147	4314.110

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB07 Acquired: 6/19/2025 19:58:03 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009051**	**.0014048**	**.0008946**	**.0042535**	**-.001901**	**.0169600**
Stddev	.0010365	.0015402	.0008959	.0011516	.001189	.0088811
%RSD	114.5121	109.6390	100.1402	27.07316	62.55936	52.36526
#1	.0019844	.0031593	.0004925	.0035608	-.003264	.0196262
#2	-.000083	.0007800	.0002703	.0055828	-.001075	.0242026
#3	.000814	.0002751	.0019211	.0036168	-.001364	.0070511

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021012**	**.0002452**	**.0001834**	**.0140216**	**-.000306**	**.0001005**
Stddev	.0005960	.0000526	.0000377	.0129408	.000069	.0002148
%RSD	28.36603	21.43803	20.54391	92.29202	22.58596	213.8473
#1	.0015435	.0002215	.0001964	.0070595	-.000365	.0002432
#2	.0020309	.0003054	.0001410	.0289531	-.000323	-.000147
#3	.0027293	.0002086	.0002130	.0060523	-.000230	.000205

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000324**	**.0069880**	**-.000576**	**.0061891**	**-.000073**	**.0002381**
Stddev	.000906	.0312844	.000381	.0273485	.000215	.0006152
%RSD	279.3653	447.6861	66.21801	441.8794	293.4376	258.3281
#1	-.001368	-.029114	-.000232	.0375058	-.000318	.0009014
#2	.000267	.023947	-.000509	-.012989	.000081	.0001266
#3	.000127	.026131	-.000986	-.005949	.000018	-.000314

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0555947**	**.0064761**	**.0005445**	**.0074725**	**-.000226**	**.0160032**
Stddev	.0133730	.0041193	.0003933	.0010313	.002803	.0010737
%RSD	24.05437	63.60773	72.23296	13.80063	1240.954	6.709122
#1	.0704366	.0107519	.0003928	.0086063	-.001572	.0152805
#2	.0518650	.0061430	.0009912	.0065903	-.002102	.0172370
#3	.0444826	.0025335	.0002497	.0072209	.002997	.0154922

Reviewed By:
On:
Inst Id :P5
LB :LB136210

Sample Name: CCB07 Acquired: 6/19/2025 19:58:03 Type: Unk
Method: METHOD 6010D, 200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005786	-.000108	.0014032	-.000572	-.003772	F .0455300
Stddev	.0002527	.002123	.0002418	.000318	.001437	.0044642
%RSD	43.68382	1965.503	17.23524	55.53890	38.10150	9.804992
#1	.0003863	.001626	.0011240	-.000465	-.003113	.0440772
#2	.0004845	-.002475	.0015387	-.000321	-.005421	.0419732
#3	.0008648	.000526	.0015468	-.000929	-.002783	.0505397

Elem	Sr4077
Units	ppm
Avg	.0005658
Stddev	.0002947
%RSD	52.08211
#1	.0005155
#2	.0002995
#3	.0008824

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.708	36262.31	2896.510	3806.371	4982.161
Stddev	1.994	72.71	10.786	9.651	7.032
%RSD	.0584520	.2005234	.3723871	.2535427	.1411488
#1	3409.877	36250.14	2897.230	3795.323	4984.795
#2	3409.265	36340.34	2885.382	3810.629	4987.496
#3	3412.983	36196.45	2906.918	3813.160	4974.192

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168539

SOP ID : M200.7-Trace Elements-22

SDG No : N/A

Matrix : WATER

Pippete 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: 06/18/2025 **Time :** 16:10 **Temp :** 96 °C

End Digest Date: 06/18/2025 **Time :** 19:18 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLS.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

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

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/18/25 20:16	SLS.MET.DIG	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168539

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168539BL	PBW539	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168539BS	LCS539	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	2
Q2348-01	001-WILLETS-PT-BLVD(MAY)	<2	50	25	light Brown	Colorless	Cloudy	Clear	N/A	3
Q2348-02	002-35TH-AVE(MAY)	<2	50	25	light Brown	Colorless	Cloudy	Clear	N/A	4
Q2348-02MS	002-35TH-AVE(MAY)MS	<2	50	25	light Brown	Colorless	Cloudy	Clear	M6007,M6016	6
Q2348-02MSD	002-35TH-AVE(MAY)MSD	<2	50	25	light Brown	Colorless	Cloudy	Clear	M6007,M6016	7
Q2348-02DUP	002-35TH-AVE(MAY)DUP	<2	50	25	light Brown	Colorless	Cloudy	Clear	N/A	5
Q2349-01	001-WILLETS-PT-BLVD(JUNE)	<2	50	25	light Brown	Colorless	Cloudy	Clear	N/A	8
Q2349-04	002-35TH-AVE(JUNE)	<2	50	25	light Brown	Colorless	Cloudy	Clear	N/A	9

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB168539 **WorkList ID :** 190264 **Department :** Digestion **Date :** 06-18-2025 15:44:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2348-01	001-WILLETS-PT-BLVD(MAY)	Water	Metals Group 12	1:1 HNO3 to pH < 2	TULL01	D41	06/17/2025	200.7
Q2348-02	002-35TH-AVE(MAY)	Water	Metals Group 12	1:1 HNO3 to pH < 2	TULL01	D41	06/17/2025	200.7
Q2349-01	001-WILLETS-PT-BLVD(JUNE)	Water	Metals Group 10	1:1 HNO3 to pH < 2	TULL01	D51	06/17/2025	200.7
Q2349-04	002-35TH-AVE(JUNE)	Water	Metals Group 10	1:1 HNO3 to pH < 2	TULL01	D51	06/17/2025	200.7

Date/Time 06/18/25 16:05
Raw Sample Received by: SLS.mct.dlg
Raw Sample Relinquished by: JDCSM

Date/Time 06/18/25 17:55
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: SLS.mct.dlg

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136210

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	06/19/25 14:10		admin	OK
2	S1	S1	CAL2	06/19/25 14:14		admin	OK
3	S2	S2	CAL3	06/19/25 14:19		admin	OK
4	S3	S3	CAL4	06/19/25 14:23		admin	OK
5	S4	S4	CAL5	06/19/25 14:27		admin	OK
6	S5	S5	CAL6	06/19/25 14:31		admin	OK
7	ICV01	ICV01	ICV	06/19/25 14:45	ICV fail for Sb,As,Ag (200.7) (95-105)	admin	OK
8	LLICV01	LLICV01	LLICV	06/19/25 14:57		admin	OK
9	ICB01	ICB01	ICB	06/19/25 15:01		admin	OK
10	CRI01	CRI01	CRDL	06/19/25 15:06		admin	OK
11	ICSA01	ICSA01	ICSA	06/19/25 15:10		admin	OK
12	ICSAB01	ICSAB01	ICSAB	06/19/25 15:16		admin	OK
13	ICSADL	ICSADL	ICSA	06/19/25 15:23		admin	OK
14	ICSABDL	ICSABDL	ICSAB	06/19/25 15:28		admin	OK
15	CCV01	CCV01	CCV	06/19/25 15:33		admin	OK
16	CCB01	CCB01	CCB	06/19/25 15:43		admin	OK
17	Q2336-01	WBR-1	SAM	06/19/25 15:47		admin	OK
18	Q2336-03	WBR-2	SAM	06/19/25 15:51		admin	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136210

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	Q2337-01	OR-02-061625	SAM	06/19/25 15:56		admin	OK
20	Q2338-01	OK-03-061625	SAM	06/19/25 16:00		admin	OK
21	Q2340-01	TP05-MH17A-WC	SAM	06/19/25 16:04		admin	OK
22	Q2339-01	MH-C	SAM	06/19/25 16:09		admin	OK
23	Q2341-05	EP-3	SAM	06/19/25 16:13		admin	OK
24	Q2341-01	TP-9	SAM	06/19/25 16:18		admin	OK
25	Q2340-04	TP05-MH17A-WC	SAM	06/19/25 16:22		admin	OK
26	Q2348-01	001-WILLETS-PT-BL	SAM	06/19/25 16:26		admin	OK
27	CCV02	CCV02	CCV	06/19/25 16:31		admin	OK
28	CCB02	CCB02	CCB	06/19/25 16:35		admin	OK
29	Q2348-02	002-35TH-AVE(MAY)	SAM	06/19/25 16:40		admin	OK
30	CCV03	CCV03	CCV	06/19/25 16:44		admin	OK
31	CCB03	CCB03	CCB	06/19/25 16:48		admin	OK
32	Q2348-02DUP	002-35TH-AVE(MAY)[	DUP	06/19/25 16:53		admin	OK
33	Q2348-02L	002-35TH-AVE(MAY)L	SD	06/19/25 16:57		admin	OK
34	Q2348-02MS	002-35TH-AVE(MAY)M	MS	06/19/25 17:02		admin	OK
35	Q2348-02MSD	002-35TH-AVE(MAY)M	MSD	06/19/25 17:06		admin	OK
36	Q2348-02A	002-35TH-AVE(MAY)A	PS	06/19/25 17:10		admin	OK
37	Q2349-01	001-WILLETS-PT-BL	SAM	06/19/25 17:15		admin	OK
38	Q2349-04	002-35TH-AVE(JUNE	SAM	06/19/25 17:19		admin	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136210

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	PB168511BS	PB168511BS	LCS	06/19/25 17:23	MB fail for Al	admin	Not Ok
40	PB168539BS	PB168539BS	LCS	06/19/25 17:28		admin	OK
41	CCV04	CCV04	CCV	06/19/25 17:32		admin	OK
42	CCB04	CCB04	CCB	06/19/25 17:36		admin	OK
43	PB168539BL	PB168539BL	MB	06/19/25 17:41		admin	OK
44	Q2341-01DUP	TP-9DUP	DUP	06/19/25 17:45		admin	OK
45	Q2341-01L	TP-9L	SD	06/19/25 17:50		admin	OK
46	Q2341-01MS	TP-9MS	MS	06/19/25 17:54		admin	OK
47	Q2341-01MSD	TP-9MSD	MSD	06/19/25 17:58		admin	OK
48	Q2341-01A	TP-9A	PS	06/19/25 18:03		admin	OK
49	PB168518BL	PB168518BL	MB	06/19/25 18:07		admin	OK
50	PB168518BS	PB168518BS	LCS	06/19/25 18:11		admin	OK
51	Q2312-04	TP-1	SAM	06/19/25 18:16	Bad injection	admin	Not Ok
52	Q2319-04	MH-B	SAM	06/19/25 18:20	Bad injection	admin	Not Ok
53	CCV05	CCV05	CCV	06/19/25 18:25		admin	OK
54	CCB05	CCB05	CCB	06/19/25 18:29		admin	OK
55	Q2320-01	WC	SAM	06/19/25 18:34		admin	OK
56	Q2325-04	TP-8	SAM	06/19/25 18:38		admin	OK
57	Q2325-04DUP	TP-8DUP	DUP	06/19/25 18:43		admin	OK
58	Q2325-04L	TP-8L	SD	06/19/25 18:47		admin	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136210

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	

59	Q2325-04MS	TP-8MS	MS	06/19/25 18:52		admin	OK
60	Q2325-04MSD	TP-8MSD	MSD	06/19/25 18:56		admin	OK
61	Q2325-04A	TP-8A	PS	06/19/25 19:01		admin	OK
62	PB168497TB	PB168497TB	MB	06/19/25 19:05		admin	OK
63	PB168511BL	PB168511BL	MB	06/19/25 19:10	MB fail for Al	admin	Not Ok
64	Q2328-05	CHRT25653	SAM	06/19/25 19:14		admin	OK
65	CCV06	CCV06	CCV	06/19/25 19:19		admin	OK
66	CCB06	CCB06	CCB	06/19/25 19:23		admin	OK
67	Q2358-01	NB-07-06182025	SAM	06/19/25 19:27		admin	OK
68	Q2358-01DUP	NB-07-06182025DUP	DUP	06/19/25 19:32		admin	OK
69	Q2358-01L	NB-07-06182025L	SD	06/19/25 19:36		admin	OK
70	Q2358-01MS	NB-07-06182025MS	MS	06/19/25 19:40		admin	OK
71	Q2358-01MSD	NB-07-06182025MSD	MSD	06/19/25 19:45		admin	OK
72	Q2358-01A	NB-07-06182025A	PS	06/19/25 19:49		admin	OK
73	CCV07	CCV07	CCV	06/19/25 19:53		admin	OK
74	CCB07	CCB07	CCB	06/19/25 19:58		admin	OK

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2349/Q2350

COC Number:

CLIENT INFORMATION

COMPANY: Tully Environmental Inc.
ADDRESS: 57 Seaview Blvd
CITY: Pt Washington STATE: NY ZIP: 11050
ATTENTION: Dean Devoe
PHONE: 718 446 7000 FAX:

PROJECT INFORMATION

PROJECT NAME: Transfer Station SPDES
PROJECT #: 252113 LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- * RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD Format_____

ANALYSIS

	1	2	3	4	5	6	7	8	9
	Cu, Fe, Pb			Hg 1631LL	BTEX				

PRESERVATIVES

	1	2	3	4	5	6	7	8	9

COMMENTS

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

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9	COMMENTS
1.	001 Willets Pt Blvd (June)	W		X	6/17/25	10:30		X			X	X					pH 1.6
2.	002 35th Ave (June)	W		X	6/17/25	10:30		X				X					pH 1.6
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. D Devoe	June 17, 2025	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.	6/18/25 1018	2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 2.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler? YES
Comments:

Page_____of_____

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

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2349 TULL01
Client Name : Tully Environmental, Inc
Client Contact : Dean Devoe
Invoice Name : Tully Environmental, Inc
Invoice Contact : Dean Devoe

Order Date : 6/18/2025 11:38:00 AM
Project Name : Transfer Station-SPDES
Receive DateTime : 6/18/2025 10:18:00 AM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2349-01	001-WILLETS-PT-BLVD(JUNE)	Water	06/17/2025	10:30					
					VOC-BTEX		624.1		5 Bus. Days
Q2349-04	002-35TH-AVE(JUNE)	Water	06/17/2025	10:30					
					VOC-BTEX		624.1		5 Bus. Days

Relinguished By : [signature]
Date / Time : 6/18/25 1330

Received By : Sean
Date / Time : 06/18/25 13:50 Right 5

Storage Area : **VOA Refridgerator Room**