Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside NJ 07092
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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:	Q3574	**OrderDate:**	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	**Project:**	Kilo Pier
Contact:	Wendi Zheng	**Location:**	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	**304641-01 Liquid**	**Water**			**11/04/25**			**11/07/25**
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3574-02	**304641-01 Liquid**	**TCLP**			**11/04/25**			**11/07/25**
			TCLP ICP Metals	6010D		11/12/25	11/12/25	
			TCLP Mercury	7470A		11/12/25	11/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3574 **Order ID:** Q3574

Client: Pacific Commercial Services Inc. **Project ID:** Kilo Pier

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : 304641-01 Liquid									
Q3574-02	304641-01 Liquid	TCLP	Barium	88.3		7.28	12.5	50.0	ug/L
Q3574-02	304641-01 Liquid	TCLP	Chromium	3.40	J	1.06	2.50	5.00	ug/L
Q3574-02	304641-01 Liquid	TCLP	Lead	13.0		1.15	4.80	6.00	ug/L

SAMPLE DATA

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Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/04/25
Project:	Kilo Pier	Date Received:	11/07/25
Client Sample ID:	304641-01 Liquid	SDG No.:	Q3574
Lab Sample ID:	Q3574-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-39-3	Barium	88.3	N	1	7.28	12.5	50.0	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-47-3	Chromium	3.40	J	1	1.06	2.50	5.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7439-92-1	Lead	13.0		1	1.15	4.80	6.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7439-97-6	Mercury	1.60	U	1	0.76	1.60	2.00	ug/L	11/12/25 11:30	11/12/25 15:02	7470A	M7470A
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-22-4	Silver	2.50	U	1	0.81	2.50	5.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050

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

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

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV111	Mercury	3.82	4.0	95	90 - 110	CV	11/12/2025	14:32	LB137868

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV66	Mercury	5.12	5.0	102	90 - 110	CV	11/12/2025	14:39	LB137868
CCV67	Mercury	5.08	5.0	102	90 - 110	CV	11/12/2025	15:16	LB137868
CCV68	Mercury	4.96	5.0	99	90 - 110	CV	11/12/2025	15:32	LB137868

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	4150	4000	104	90 - 110	P	11/12/2025	16:56	LB137883
	Barium	7600	8000	95	90 - 110	P	11/12/2025	16:56	LB137883
	Cadmium	2010	2000	101	90 - 110	P	11/12/2025	16:56	LB137883
	Chromium	803	800	100	90 - 110	P	11/12/2025	16:56	LB137883
	Lead	3980	4000	100	90 - 110	P	11/12/2025	16:56	LB137883
	Selenium	4120	4000	103	90 - 110	P	11/12/2025	16:56	LB137883
	Silver	1040	1000	104	90 - 110	P	11/12/2025	16:56	LB137883

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.5	20.0	107	80 - 120	P	11/12/2025	17:25	LB137883
	Barium	101	100	101	80 - 120	P	11/12/2025	17:25	LB137883
	Cadmium	5.74	6.0	96	80 - 120	P	11/12/2025	17:25	LB137883
	Chromium	10.2	10.0	102	80 - 120	P	11/12/2025	17:25	LB137883
	Lead	9.89	12.0	82	80 - 120	P	11/12/2025	17:25	LB137883
	Selenium	17.6	20.0	88	80 - 120	P	11/12/2025	17:25	LB137883
	Silver	11.2	10.0	112	80 - 120	P	11/12/2025	17:25	LB137883

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5040	5000	101	90 - 110	P	11/12/2025	18:01	LB137883
	Barium	9410	10000	94	90 - 110	P	11/12/2025	18:01	LB137883
	Cadmium	2390	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Chromium	985	1000	98	90 - 110	P	11/12/2025	18:01	LB137883
	Lead	4730	5000	95	90 - 110	P	11/12/2025	18:01	LB137883
	Selenium	4800	5000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Silver	1200	1250	96	90 - 110	P	11/12/2025	18:01	LB137883
CCV02	Arsenic	5130	5000	102	90 - 110	P	11/12/2025	19:04	LB137883
	Barium	9190	10000	92	90 - 110	P	11/12/2025	19:04	LB137883
	Cadmium	2410	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	19:04	LB137883
	Lead	4790	5000	96	90 - 110	P	11/12/2025	19:04	LB137883
	Selenium	4910	5000	98	90 - 110	P	11/12/2025	19:04	LB137883
	Silver	1210	1250	97	90 - 110	P	11/12/2025	19:04	LB137883
CCV03	Arsenic	5220	5000	104	90 - 110	P	11/12/2025	20:29	LB137883
	Barium	9550	10000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Cadmium	2400	2500	96	90 - 110	P	11/12/2025	20:29	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Lead	4770	5000	95	90 - 110	P	11/12/2025	20:29	LB137883
	Selenium	5020	5000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Silver	1240	1250	99	90 - 110	P	11/12/2025	20:29	LB137883
CCV04	Arsenic	5310	5000	106	90 - 110	P	11/12/2025	21:46	LB137883
	Barium	9420	10000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Cadmium	2640	2500	105	90 - 110	P	11/12/2025	21:46	LB137883
	Chromium	1100	1000	110	90 - 110	P	11/12/2025	21:46	LB137883
	Lead	5200	5000	104	90 - 110	P	11/12/2025	21:46	LB137883
	Selenium	5170	5000	103	90 - 110	P	11/12/2025	21:46	LB137883
	Silver	1350	1250	108	90 - 110	P	11/12/2025	21:46	LB137883
CCV05	Arsenic	5030	5000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Barium	9330	10000	93	90 - 110	P	11/12/2025	22:16	LB137883
	Cadmium	2420	2500	97	90 - 110	P	11/12/2025	22:16	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Lead	4740	5000	95	90 - 110	P	11/12/2025	22:16	LB137883
	Selenium	4790	5000	96	90 - 110	P	11/12/2025	22:16	LB137883

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:16	LB137883
CCV06	Arsenic	5080	5000	102	90 - 110	P	11/12/2025	22:53	LB137883
	Barium	9580	10000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Cadmium	2430	2500	97	90 - 110	P	11/12/2025	22:53	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:53	LB137883
	Lead	4780	5000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Selenium	4860	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:53	LB137883

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.23	0.2	113	70 - 130	CV	11/12/2025	14:44	LB137868
CRI01	Arsenic	17.1	20.0	86	65 - 135	P	11/12/2025	22:07	LB137883
	Barium	94.0	100	94	65 - 135	P	11/12/2025	22:07	LB137883
	Cadmium	5.94	6.0	99	65 - 135	P	11/12/2025	22:07	LB137883
	Chromium	10.9	10.0	109	65 - 135	P	11/12/2025	22:07	LB137883
	Lead	11.8	12.0	99	65 - 135	P	11/12/2025	22:07	LB137883
	Selenium	21.6	20.0	108	65 - 135	P	11/12/2025	22:07	LB137883
	Silver	9.58	10.0	96	65 - 135	P	11/12/2025	22:07	LB137883

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB111	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	14:34	LB137868

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB66	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	14:42	LB137868
CCB67	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	15:18	LB137868
CCB68	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	15:34	LB137868

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	17:35	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	17:35	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	17:35	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	17:35	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	17:35	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	17:35	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	17:35	LB137883

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	18:13	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	18:13	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	18:13	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	18:13	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	18:13	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	18:13	LB137883
	Silver	1.68	+/-5	J	5.00	10.0	P	11/12/2025	18:13	LB137883
CCB02	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	19:24	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	19:24	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	19:24	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	19:24	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	19:24	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	19:24	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	19:24	LB137883
CCB03	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	20:37	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	20:37	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	20:37	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	20:37	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	20:37	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	20:37	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	20:37	LB137883
CCB04	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	22:03	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	22:03	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	22:03	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	22:03	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	22:03	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	22:03	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	22:03	LB137883
CCB05	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	22:20	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	22:20	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	22:20	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	22:20	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	22:20	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	22:20	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	22:20	LB137883
CCB06	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	22:57	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	22:57	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	22:57	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	22:57	LB137883

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	22:57	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	22:57	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	22:57	LB137883

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Metals
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PREPARATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170490TB		**WATER**		**Batch Number:**		**PB170511**		**Prep Date:**	**11/12/2025**	
	Mercury	0.76	<2	U	1.60	2.00	CV	11/12/2025	15:23	LB137868
Sample ID	**Analyte**	**Result (ug/L)**	**Acceptance Limit**	**Conc Qual**	LOD **ug/L**	**CRQL ug/L**	**M**	**Analysis Date**	**Analysis Time**	**Run**
PB170493TB		**WATER**		**Batch Number:**		**PB170511**		**Prep Date:**	**11/12/2025**	
	Mercury	0.76	<2	U	1.60	2.00	CV	11/12/2025	15:25	LB137868
Sample ID	**Analyte**	**Result (ug/L)**	**Acceptance Limit**	**Conc Qual**	LOD **ug/L**	**CRQL ug/L**	**M**	**Analysis Date**	**Analysis Time**	**Run**
PB170511BL		**WATER**		**Batch Number:**		**PB170511**		**Prep Date:**	**11/12/2025**	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	11/12/2025	14:51	LB137868

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170490TB		**WATER**		**Batch Number:**		**PB170507**		**Prep Date:**	**11/12/2025**	
	Arsenic	2.56	<5	U	7.50	10.0	P	11/12/2025	18:34	LB137883
	Barium	7.28	<25	U	12.5	50.0	P	11/12/2025	18:34	LB137883
	Cadmium	0.25	<1.5	J	0.75	3.00	P	11/12/2025	18:34	LB137883
	Chromium	2.5	<2.5	J	2.50	5.00	P	11/12/2025	18:34	LB137883
	Lead	1.15	<3	U	4.80	6.00	P	11/12/2025	18:34	LB137883
	Selenium	4.82	<5	U	8.00	10.0	P	11/12/2025	18:34	LB137883
	Silver	0.81	<2.5	U	2.50	5.00	P	11/12/2025	18:34	LB137883

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170493TB		**WATER**		**Batch Number:**		**PB170507**		**Prep Date:**	**11/12/2025**	
	Arsenic	2.56	<5	U	7.50	10.0	P	11/12/2025	18:38	LB137883
	Barium	7.28	<25	U	12.5	50.0	P	11/12/2025	18:38	LB137883
	Cadmium	0.25	<1.5	U	0.75	3.00	P	11/12/2025	18:38	LB137883
	Chromium	2.5	<2.5	J	2.50	5.00	P	11/12/2025	18:38	LB137883
	Lead	1.15	<3	U	4.80	6.00	P	11/12/2025	18:38	LB137883
	Selenium	4.82	<5	U	8.00	10.0	P	11/12/2025	18:38	LB137883
	Silver	0.81	<2.5	U	2.50	5.00	P	11/12/2025	18:38	LB137883

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170507BL		**WATER**		**Batch Number:**		**PB170507**		**Prep Date:**	**11/12/2025**	
	Arsenic	2.56	<5	U	7.50	10.0	P	11/12/2025	18:17	LB137883
	Barium	7.28	<25	U	12.5	50.0	P	11/12/2025	18:17	LB137883
	Cadmium	0.25	<1.5	U	0.75	3.00	P	11/12/2025	18:17	LB137883
	Chromium	1.06	<2.5	U	2.50	5.00	P	11/12/2025	18:17	LB137883
	Lead	1.15	<3	U	4.80	6.00	P	11/12/2025	18:17	LB137883
	Selenium	4.82	<5	U	8.00	10.0	P	11/12/2025	18:17	LB137883
	Silver	0.81	<2.5	U	2.50	5.00	P	11/12/2025	18:17	LB137883

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INTERFERENCE CHECK SAMPLE

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	7.40			-20	20	11/12/2025	17:44	LB137883
	Barium	8.38	6.0	140	-94	106	11/12/2025	17:44	LB137883
	Cadmium	-0.82	1.0	82	-5	7	11/12/2025	17:44	LB137883
	Chromium	50.4	52.0	97	42	62	11/12/2025	17:44	LB137883
	Lead	-8.49			-12	12	11/12/2025	17:44	LB137883
	Selenium	-3.77			-20	20	11/12/2025	17:44	LB137883
	Silver	8.44			-10	10	11/12/2025	17:44	LB137883
ICSAB01	Arsenic	113	104	109	88.4	120	11/12/2025	17:48	LB137883
	Barium	464	537	86	437	637	11/12/2025	17:48	LB137883
	Cadmium	966	972	99	826	1120	11/12/2025	17:48	LB137883
	Chromium	558	542	103	460	624	11/12/2025	17:48	LB137883
	Lead	38.8	49.0	79	37	61	11/12/2025	17:48	LB137883
	Selenium	38.7	46.0	84	26	66	11/12/2025	17:48	LB137883
	Silver	204	201	102	170	232	11/12/2025	17:48	LB137883

METAL
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metals
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MATRIX SPIKE SUMMARY

client: Pacific Commercial Services Inc. **level:** low **sdg no.:** Q3574

contract: PACI01 **lab code:** ACE

matrix: Water **sample id:** Q3604-02 **client id:** S-2MS

Percent Solids for Sample: NA **Spiked ID:** Q3604-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	393		10.0	U	400	98		P
Barium	ug/L	88 - 113	476		395		100	82	N	P
Cadmium	ug/L	88 - 113	94.7		3.00	U	100	95		P
Chromium	ug/L	90 - 113	206		4.51	J	200	101		P
Lead	ug/L	86 - 113	459		2.84	J	500	91		P
Mercury	ug/L	82 - 119	39.3		0.83	J	40.0	96		CV
Selenium	ug/L	83 - 114	920		10.0	U	1000	92		P
Silver	ug/L	84 - 115	34.3		5.00	U	37.5	92		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Pacific Commercial Services Inc. **level:** low **sdg no.:** Q3574

contract: PACI01 **lab code:** ACE

matrix: Water **sample id:** Q3604-02 **client id:** S-2MSD

Percent Solids for Sample: NA **Spiked ID:** Q3604-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	375		10.0	U	400	94		P
Barium	ug/L	88 - 113	474		395		100	79	N	P
Cadmium	ug/L	88 - 113	89.6		3.00	U	100	90		P
Chromium	ug/L	90 - 113	192		4.51	J	200	94		P
Lead	ug/L	86 - 113	435		2.84	J	500	86		P
Mercury	ug/L	82 - 119	39.0		0.83	J	40.0	96		CV
Selenium	ug/L	83 - 114	876		10.0	U	1000	88		P
Silver	ug/L	84 - 115	32.2		5.00	U	37.5	86		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** S-2A

Sample ID: Q3604-02 **Spiked ID:** Q3604-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	475		395		100	80	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3604-02 **Client ID:** S-2DUP

Percent Solids for Sample: NA **Duplicate ID** Q3604-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	395		396		0		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	4.51	J	4.17	J	8		P
Lead	ug/L	20	2.84	J	1.61	J	55		P
Mercury	ug/L	20	0.83	J	2.00	U	200.0		CV
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			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: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3604-02MS **Client ID:** S-2MSD

Percent Solids for Sample: NA **Duplicate ID** Q3604-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	393		375		5		P
Barium	ug/L	20	476		474		0		P
Cadmium	ug/L	20	94.7		89.6		6		P
Chromium	ug/L	20	206		192		7		P
Lead	ug/L	20	459		435		5		P
Mercury	ug/L	20	39.3		39.0		1		CV
Selenium	ug/L	20	920		876		5		P
Silver	ug/L	20	34.3		32.2		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: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170507BS							
Arsenic	ug/L	400	388		97	87 - 113	P
Barium	ug/L	100	95.5		96	88 - 113	P
Cadmium	ug/L	100	91.0		91	88 - 113	P
Chromium	ug/L	200	197		98	90 - 113	P
Lead	ug/L	500	447		89	86 - 113	P
Selenium	ug/L	1000	928		93	83 - 114	P
Silver	ug/L	37.5	36.1		96	84 - 115	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170511BS							
Mercury	ug/L	4.0	3.90		98	82 - 119	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

S-2L

Lab Name: Alliance **Contract:** PACI01

Lab Code: ACE **Lb No.:** lb137883 **Lab Sample ID :** Q3604-02L **SDG No.:** Q3574

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
Arsenic	10.0	U	50.0	U			P
Barium	395		395		0		P
Cadmium	3.00	U	15.0	U			P
Chromium	4.51	J	25.0	U	100.0		P
Lead	2.84	J	30.0	U	100.0		P
Mercury	0.83	J	10.0	U	100.0		CV
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170507**						
PB170490TB	PB170490TB	MB	WATER	11/12/2025	50.0	25.0	
PB170493TB	PB170493TB	MB	WATER	11/12/2025	50.0	25.0	
PB170507BL	PB170507BL	MB	WATER	11/12/2025	50.0	25.0	
PB170507BS	PB170507BS	LCS	WATER	11/12/2025	50.0	25.0	
Q3574-02	304641-01 Liquid	SAM	WATER	11/12/2025	50.0	25.0	
Q3604-02DUP	S-2DUP	DUP	WATER	11/12/2025	50.0	25.0	
Q3604-02MS	S-2MS	MS	WATER	11/12/2025	50.0	25.0	
Q3604-02MSD	S-2MSD	MSD	WATER	11/12/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574

Contract: PACI01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170511**						
PB170490TB	PB170490TB	MB	WATER	11/12/2025	3.0	30.0	
PB170493TB	PB170493TB	MB	WATER	11/12/2025	3.0	30.0	
PB170511BL	PB170511BL	MB	WATER	11/12/2025	30.0	30.0	
PB170511BS	PB170511BS	LCS	WATER	11/12/2025	30.0	30.0	
Q3574-02	304641-01 Liquid	SAM	WATER	11/12/2025	3.0	30.0	
Q3604-02DUP	S-2DUP	DUP	WATER	11/12/2025	3.0	30.0	
Q3604-02MS	S-2MS	MS	WATER	11/12/2025	3.0	30.0	
Q3604-02MSD	S-2MSD	MSD	WATER	11/12/2025	3.0	30.0	

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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc. **Contract:** PACI01

Lab code: ACE **Sdg no.:** Q3574

Instrument id number: **Method:** **Run number:** LB137868

Start date: 11/12/2025 **End date:** 11/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1415	HG
S0.2	S0.2	1	1417	HG
S2.5	S2.5	1	1419	HG
S5	S5	1	1425	HG
S7.5	S7.5	1	1427	HG
S10	S10	1	1429	HG
ICV111	ICV111	1	1432	HG
ICB111	ICB111	1	1434	HG
CCV66	CCV66	1	1439	HG
CCB66	CCB66	1	1442	HG
CRA	CRA	1	1444	HG
PB170511BL	PB170511BL	1	1451	HG
PB170511BS	PB170511BS	1	1459	HG
Q3574-02	304641-01 Liquid	1	1502	HG
Q3604-02DUP	S-2DUP	1	1509	HG
Q3604-02MS	S-2MS	1	1514	HG
CCV67	CCV67	1	1516	HG
CCB67	CCB67	1	1518	HG
Q3604-02MSD	S-2MSD	1	1520	HG
PB170490TB	PB170490TB	1	1523	HG
PB170493TB	PB170493TB	1	1525	HG
Q3604-02L	S-2L	5	1527	HG
CCV68	CCV68	1	1532	HG
CCB68	CCB68	1	1534	HG

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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc. **Contract:** PACI01

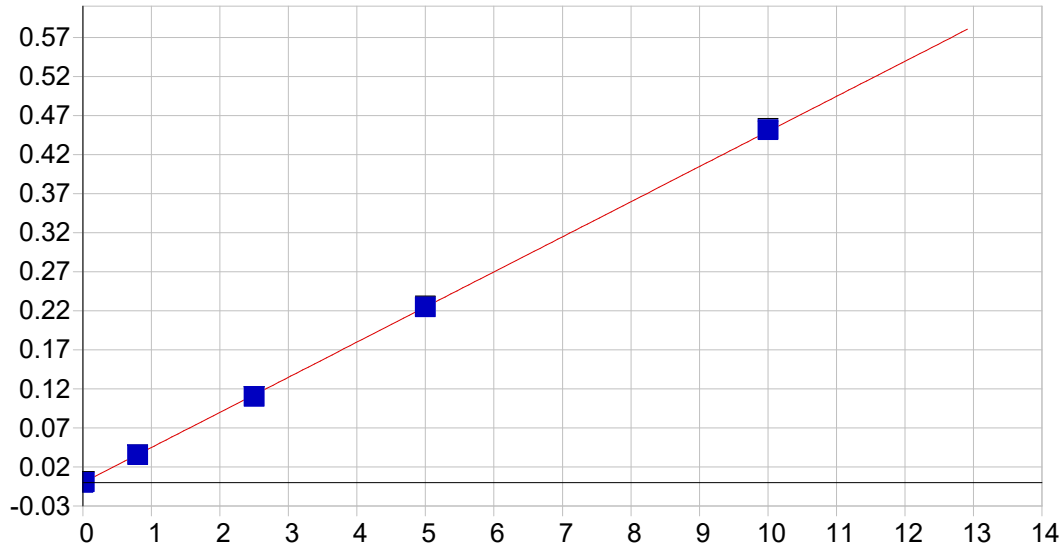
Lab code: ACE **Sdg no.:** Q3574

Instrument id number: **Method:** **Run number:** LB137883

Start date: 11/12/2025 **End date:** 11/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1621	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1626	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1630	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1634	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1638	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1642	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1656	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1725	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1735	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1744	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1748	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1801	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1813	Ag,As,Ba,Cd,Cr,Pb,Se
PB170507BL	PB170507BL	1	1817	Ag,As,Ba,Cd,Cr,Pb,Se
PB170507BS	PB170507BS	1	1822	Ag,As,Ba,Cd,Cr,Pb,Se
Q3574-02	304641-01 Liquid	1	1826	Ag,As,Ba,Cd,Cr,Pb,Se
PB170490TB	PB170490TB	1	1834	Ag,As,Ba,Cd,Cr,Pb,Se
PB170493TB	PB170493TB	1	1838	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02DUP	S-2DUP	1	1851	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02L	S-2L	5	1855	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02MS	S-2MS	1	1900	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1904	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1924	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02MSD	S-2MSD	1	1928	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02A	S-2A	1	1932	Ba
CCV03	CCV03	1	2029	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	2037	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	2146	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	2203	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	2207	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	2216	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	2220	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	2253	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	2257	Ag,As,Ba,Cd,Cr,Pb,Se

METAL
RAW DATA

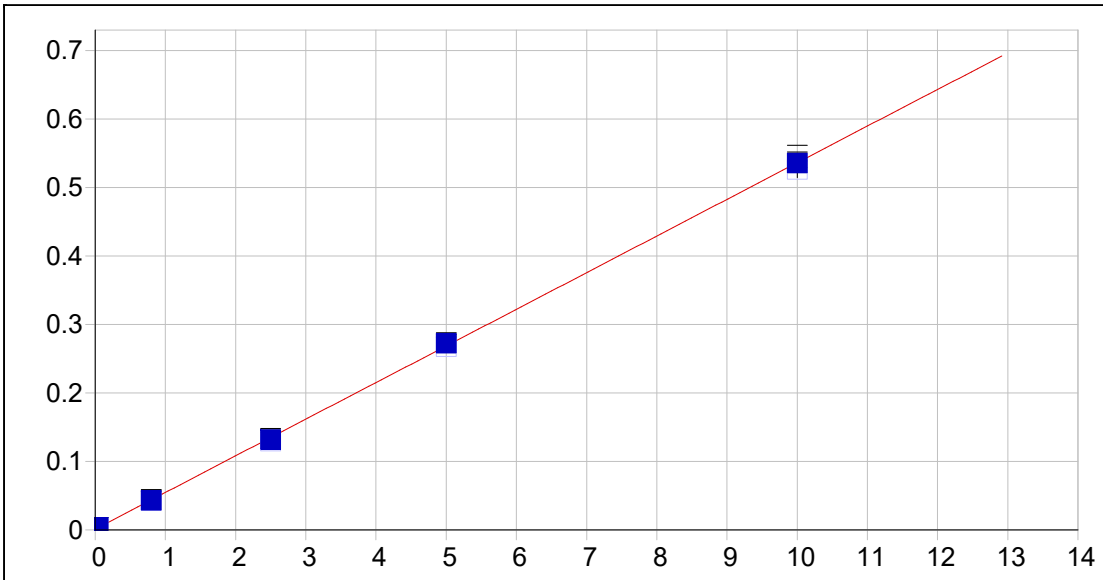


As 189.042 {479}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000057	Re-Slope:	1.000000
A1 (Gain):	0.044958	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.005683		
Predicted MQL:	0.018945		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02049	.000	2.45	.00086	.000	1
S3	2.5000	2.4475	-.053	-2.10	.10986	.000	1
S4	5.0000	5.0021	.002	.042	.22460	.001	1
S5	10.000	10.056	.056	.555	.45156	.002	1
S2	.80000	.79443	-.006	-.697	.03562	.000	1

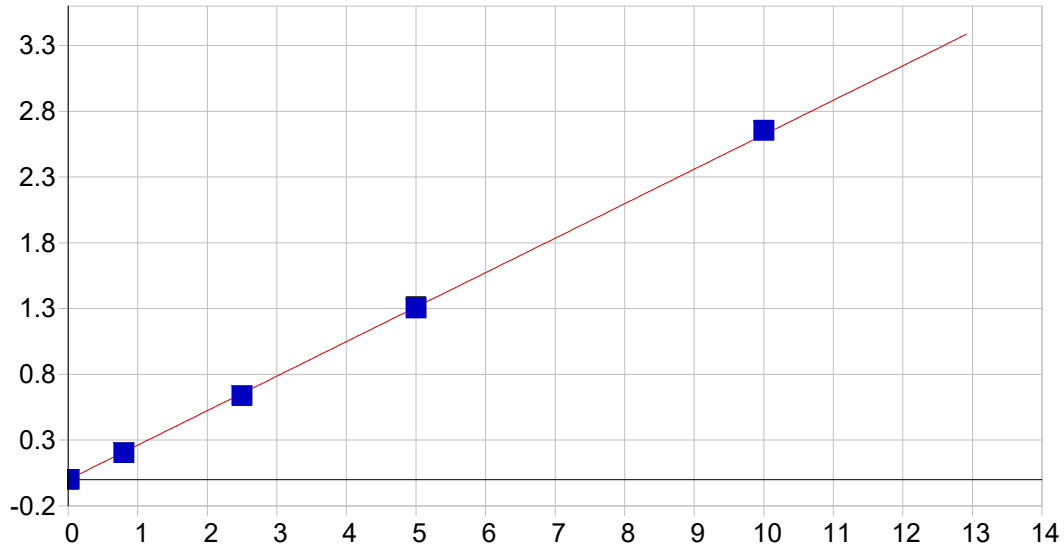


Tl 190.856 {477}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001140	Re-Slope:	1.000000
A1 (Gain):	0.053509	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999841	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.005624		
Predicted MQL:	0.018747		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00114	.000	1
S1	.04000	.05126	.011	28.1	.00375	.000	1
S3	2.5000	2.4439	-.056	-2.24	.12947	.002	1
S4	5.0000	5.0678	.068	1.36	.26743	.001	1
S5	10.000	9.9917	-.008	-.083	.52603	.011	1
S2	.80000	.78583	-.014	-1.77	.04241	.001	1



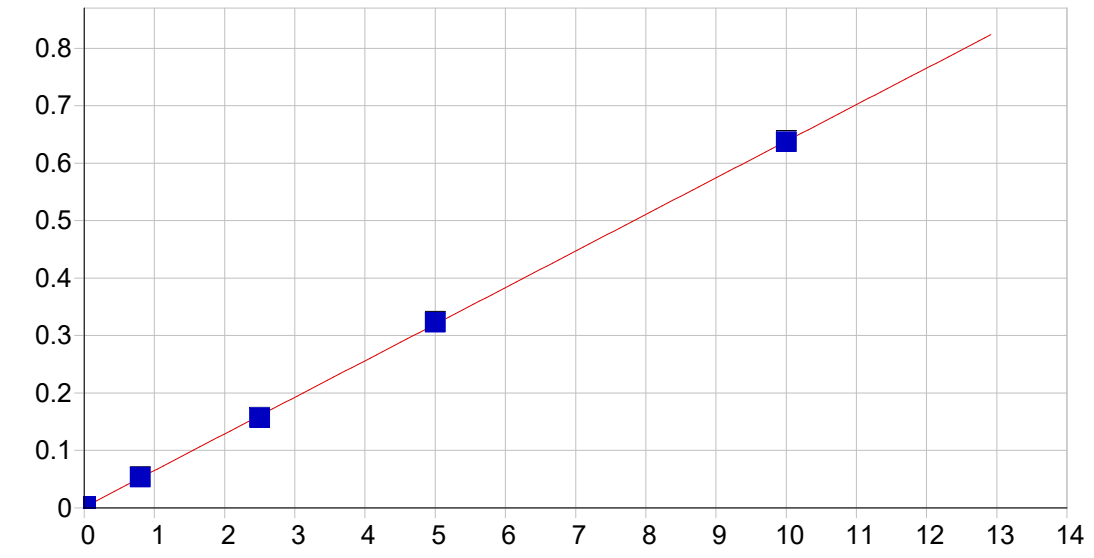
Pb 220.353 {453}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000223	Re-Slope:	1.000000
A1 (Gain):	0.262158	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000073		
Predicted MDL:	0.002208		
Predicted MQL:	0.007360		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01200	.01076	-.001	-10.4	.00298	.000	1
S3	2.5000	2.4307	-.069	-2.77	.63673	.001	1
S4	5.0000	4.9700	-.030	-.601	1.3017	.010	1
S5	10.000	10.122	.122	1.22	2.6508	.003	1
S2	.80000	.77895	-.021	-2.63	.20420	.001	1

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

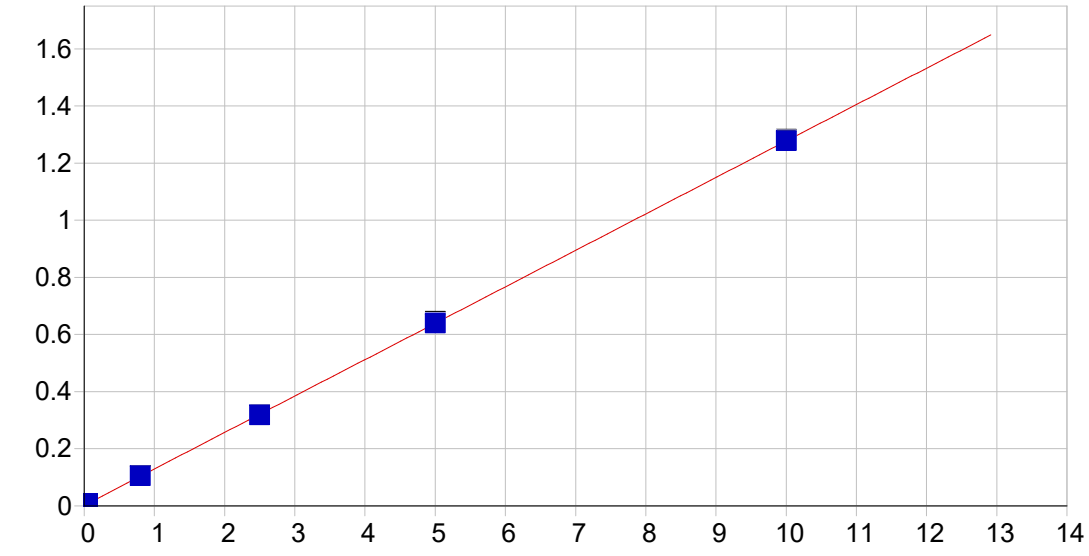


Se 196.090 {472}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001457	Re-Slope:	1.000000
A1 (Gain):	0.063664	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.005738		
Predicted MQL:	0.019128		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00146	.000	1
S1	.02000	.01627	-.004	-18.7	.00249	.000	1
S3	2.5000	2.4462	-.054	-2.15	.15715	.000	1
S4	5.0000	5.0499	.050	.999	.32287	.002	1
S5	10.000	9.9894	-.011	-.106	.63725	.002	1
S2	.80000	.81821	.018	2.28	.05353	.000	1

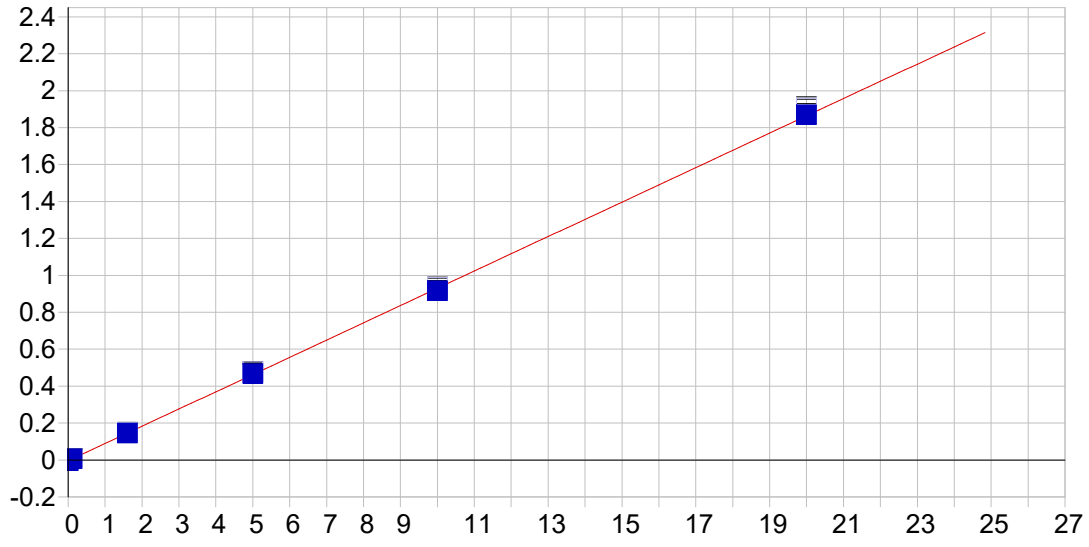


Sb 206.833 {463}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001922	Re-Slope:	1.000000
A1 (Gain):	0.127543	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.003728		
Predicted MQL:	0.012427		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00192	.000	1
S1	.05000	.05317	.003	6.33	.00872	.000	1
S3	2.5000	2.4786	-.021	-.857	.31891	.000	1
S4	5.0000	5.0013	.001	.026	.64154	.005	1
S5	10.000	10.008	.008	.076	1.2818	.002	1
S2	.80000	.80934	.009	1.17	.10543	.001	1



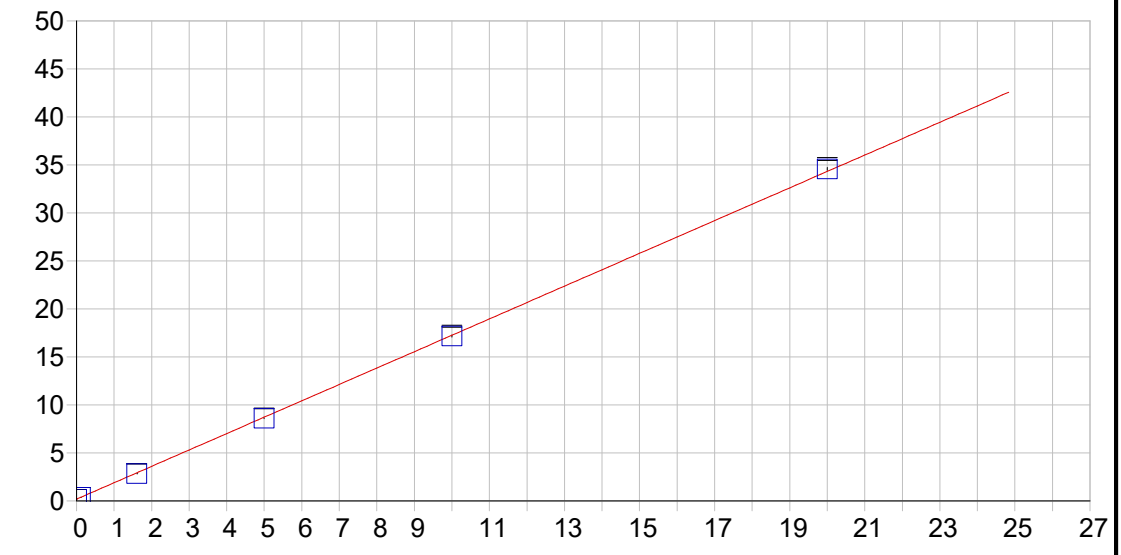
Al 396.152 { 85}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004361	Re-Slope:	1.000000
A1 (Gain):	0.093409	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.030272		
Predicted MQL:	0.100906		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00436	.005	1
S1	.10000	.11325	.013	13.3	.00694	.002	1
S3	5.0000	5.0553	.055	1.11	.47691	.001	1
S4	10.000	9.8564	-.144	-1.44	.93443	.002	1
S5	20.000	20.068	.068	.340	1.9064	.006	1
S2	1.6000	1.6063	.006	.396	.14858	.001	1

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

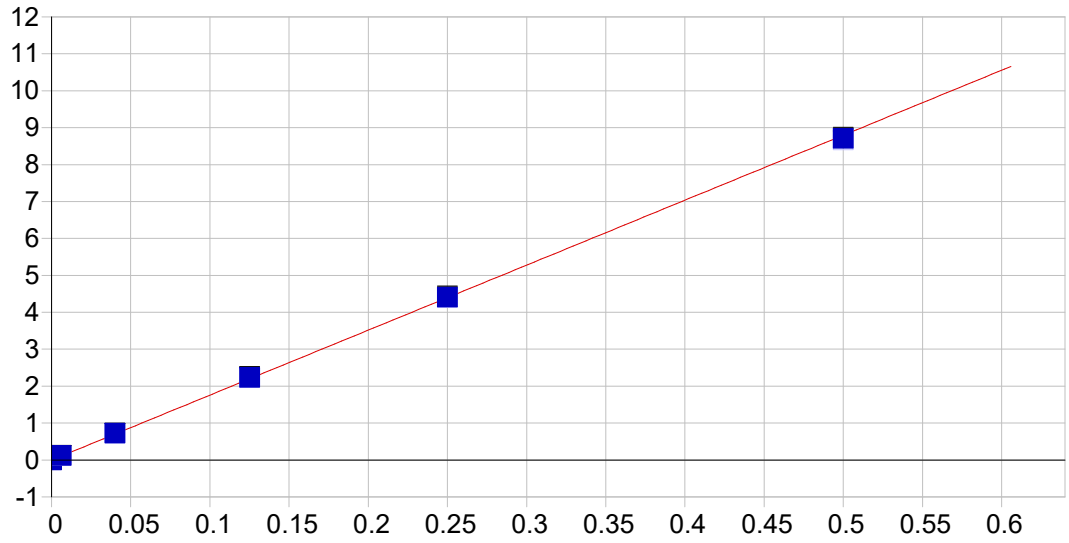


Ba 493.409 { 68}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.186789	Re-Slope:	1.000000
A1 (Gain):	1.706665	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.001388		
Predicted MDL:	0.003536		
Predicted MQL:	0.011788		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.18678	.007	1
S1	.10000	.10910	.009	9.10	.37299	.007	1
S3	5.0000	4.9331	-.067	-1.34	8.6059	.026	1
S4	10.000	9.9500	-.050	-.500	17.168	.101	1
S5	20.000	20.153	.153	.765	34.581	.148	1
S2	1.6000	1.5549	-.045	-2.82	2.8405	.009	1

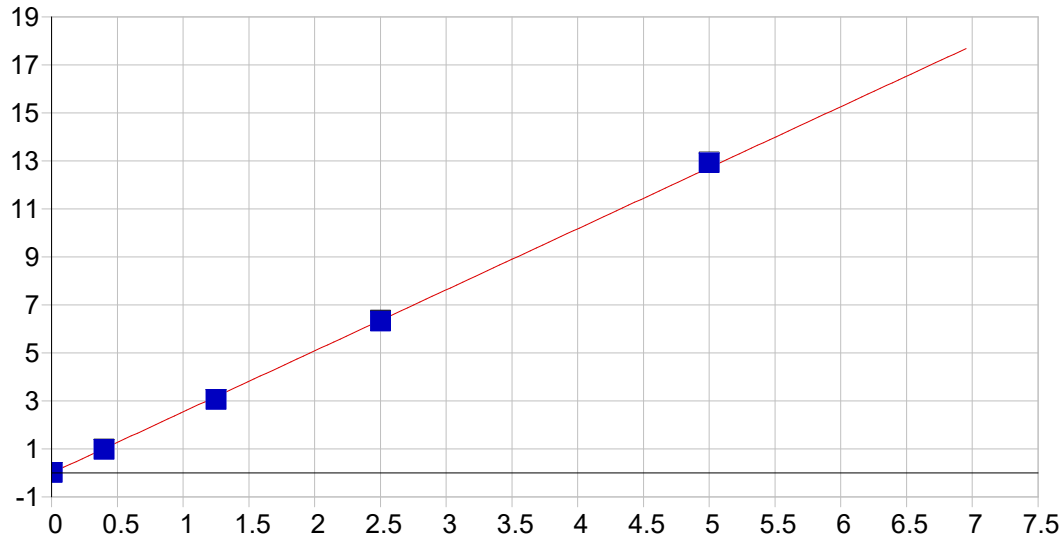


Be 234.861 {144}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002974	Re-Slope:	1.000000
A1 (Gain):	17.598164	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999827	Status:	OK.
Std Error of Est:	0.000939		
Predicted MDL:	0.000109		
Predicted MQL:	0.000365		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00300	.001	1
S1	.00600	.00706	.001	17.6	.12040	.001	1
S3	.12500	.12707	.002	1.65	2.2233	.027	1
S4	.25000	.25089	.001	.356	4.3925	.027	1
S5	.50000	.49475	-.005	-1.05	8.6644	.041	1
S2	.04000	.04124	.001	3.10	.71960	.001	1

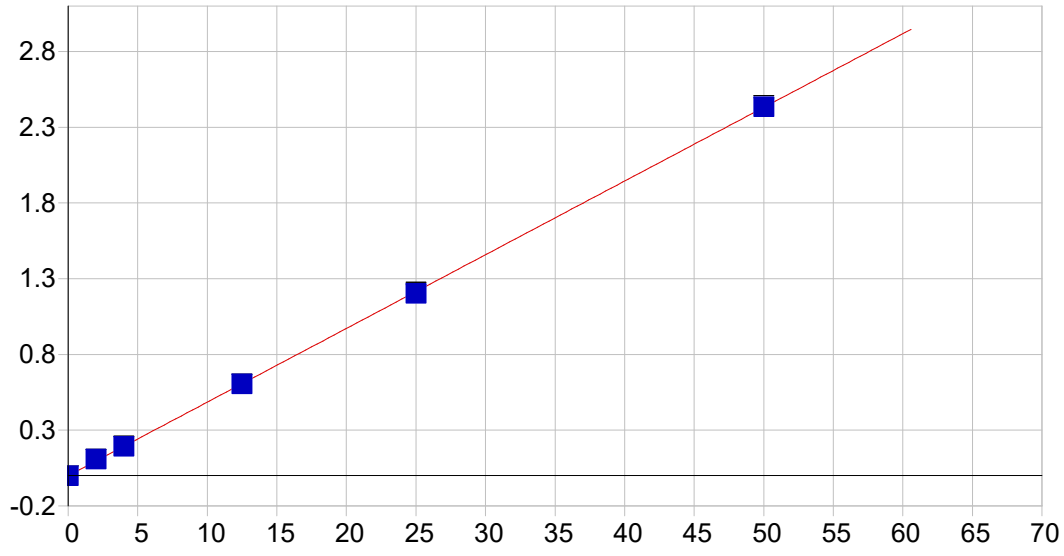


Cd 226.502 {449}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001709	Re-Slope:	1.000000
A1 (Gain):	2.543386	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999790	Status:	OK.
Std Error of Est:	0.000474		
Predicted MDL:	0.000174		
Predicted MQL:	0.000582		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00171	.000	1
S1	.00600	.00611	.000	1.82	.01388	.000	1
S3	1.2500	1.2013	-.049	-3.89	3.0559	.003	1
S4	2.5000	2.4833	-.017	-.668	6.3185	.042	1
S5	5.0000	5.0802	.080	1.60	12.928	.021	1
S2	.40000	.38501	-.015	-3.75	.97819	.003	1

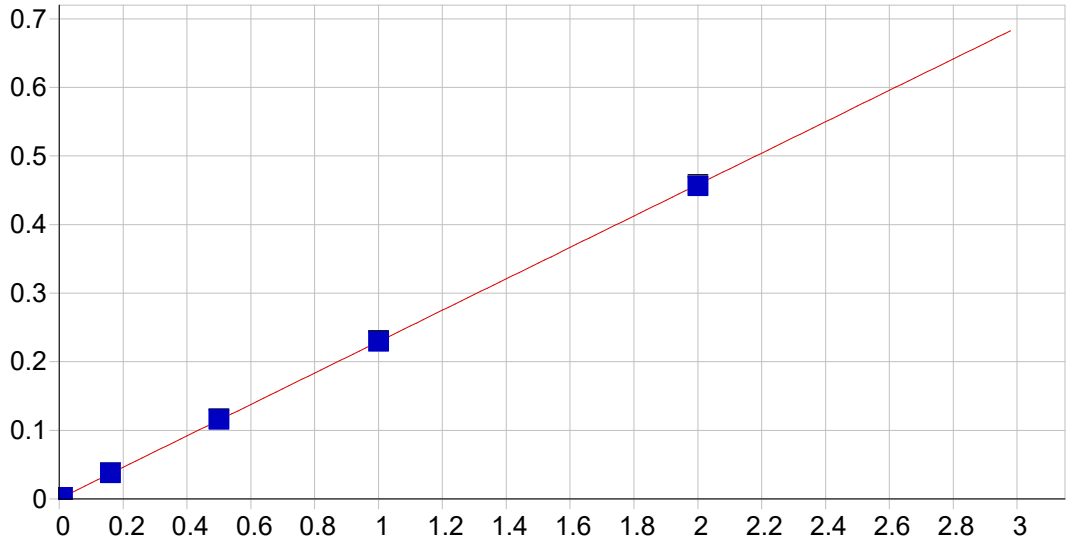


Ca 373.690 { 90}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001285	Re-Slope:	1.000000
A1 (Gain):	0.048651	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999830	Status:	OK.
Std Error of Est:	0.000474		
Predicted MDL:	0.044046		
Predicted MQL:	0.146822		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	-.00129	.002	1
S2	4.0000	3.9740	-.026	-.650	.19205	.002	1
S3	12.500	12.445	-.055	-.441	.60417	.001	1
S4	25.000	24.762	-.238	-.954	1.2034	.008	1
S5	50.000	50.079	.079	.158	2.4351	.008	1
S1	2.0000	2.2405	.241	12.0	.10772	.001	1

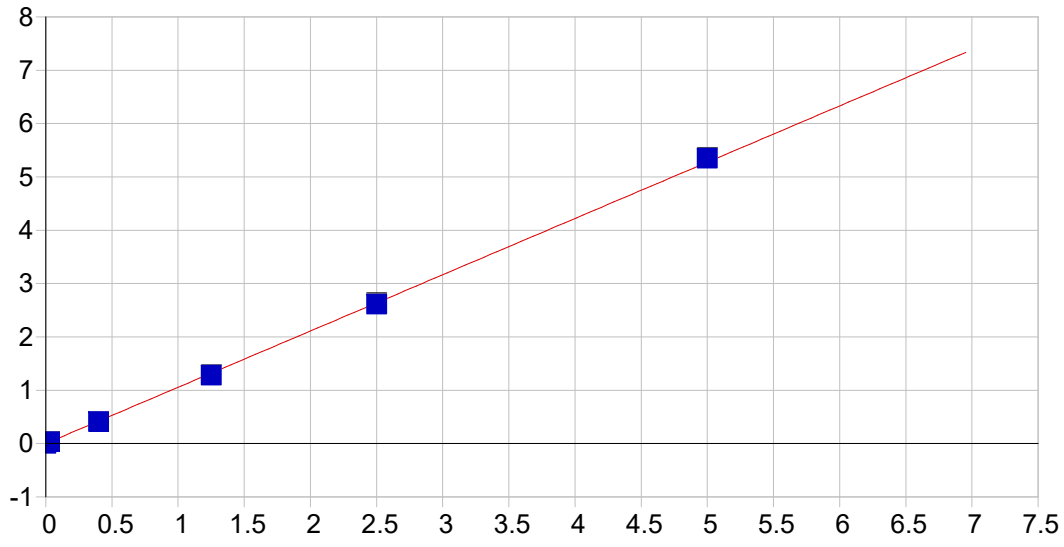


Cr 267.716 {126}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000287	Re-Slope:	1.000000
A1 (Gain):	0.229034	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.000927		
Predicted MQL:	0.003090		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.01000	.01025	.000	2.48	.00264	.000	1
S3	.50000	.50465	.005	.930	.11596	.001	1
S4	1.0000	1.0012	.001	.122	.22978	.001	1
S5	2.0000	1.9904	-.010	-.482	.45651	.002	1
S2	.16000	.16353	.004	2.21	.03777	.000	1

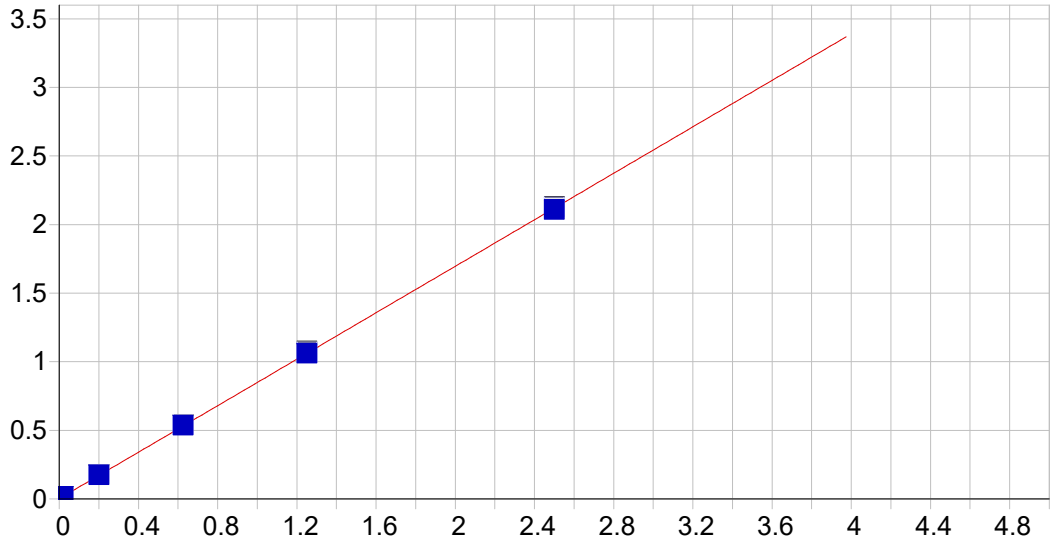


Co 228.616 {448}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000170	Re-Slope:	1.000000
A1 (Gain):	1.055141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000344		
Predicted MDL:	0.000390		
Predicted MQL:	0.001300		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.03000	.03105	.001	3.49	.03279	.001	1
S3	1.2500	1.2152	-.035	-2.79	1.2846	.001	1
S4	2.5000	2.4776	-.022	-.898	2.6188	.020	1
S5	5.0000	5.0666	.067	1.33	5.3551	.010	1
S2	.40000	.38959	-.010	-2.60	.41196	.001	1

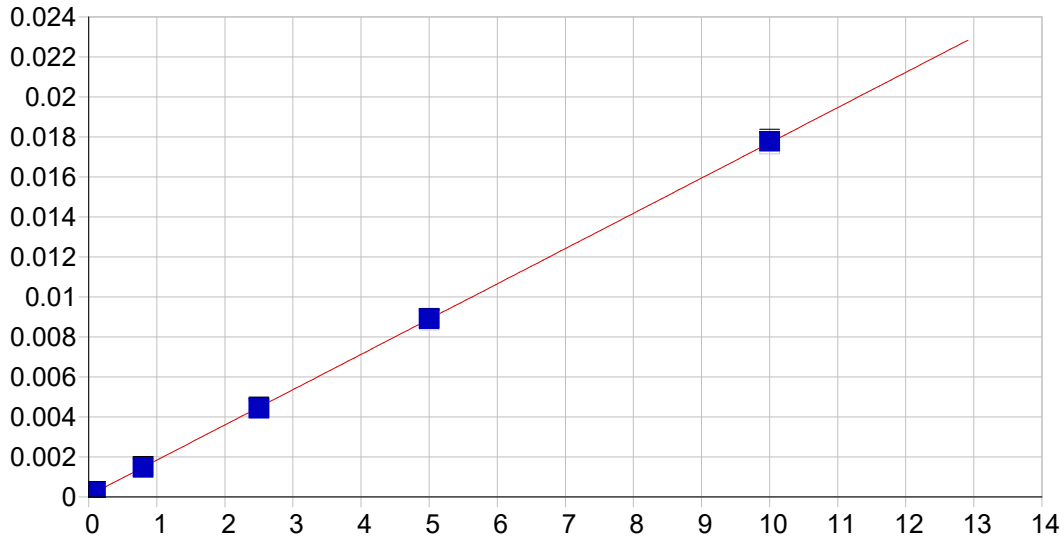


Cu 224.700 {450}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001949	Re-Slope:	1.000000
A1 (Gain):	0.847203	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000121		
Predicted MDL:	0.000832		
Predicted MQL:	0.002773		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00195	.000	1
S1	.02000	.02305	.003	15.3	.02169	.000	1
S3	.62500	.62982	.005	.771	.54050	.001	1
S4	1.2500	1.2504	.000	.032	1.0712	.007	1
S5	2.5000	2.4870	-.013	-.521	2.1288	.003	1
S2	.20000	.20476	.005	2.38	.17701	.000	1

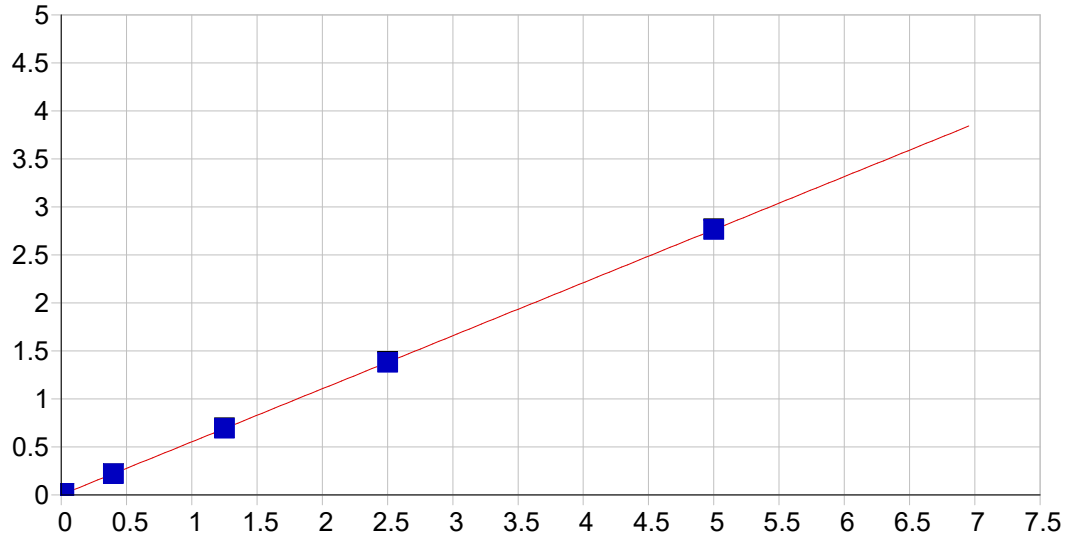


Fe 240.488 {140}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000074	Re-Slope:	1.000000
A1 (Gain):	0.001763	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000001		
Predicted MDL:	0.032206		
Predicted MQL:	0.107355		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00007	.000	1
S1	.10000	.08297	-.017	-17.0	.00022	.000	1
S3	2.5000	2.4740	-.026	-1.04	.00440	.000	1
S4	5.0000	5.0091	.009	.182	.00883	.000	1
S5	10.000	10.041	.041	.415	.01763	.000	1
S2	.80000	.79239	-.008	-.951	.00146	.000	1

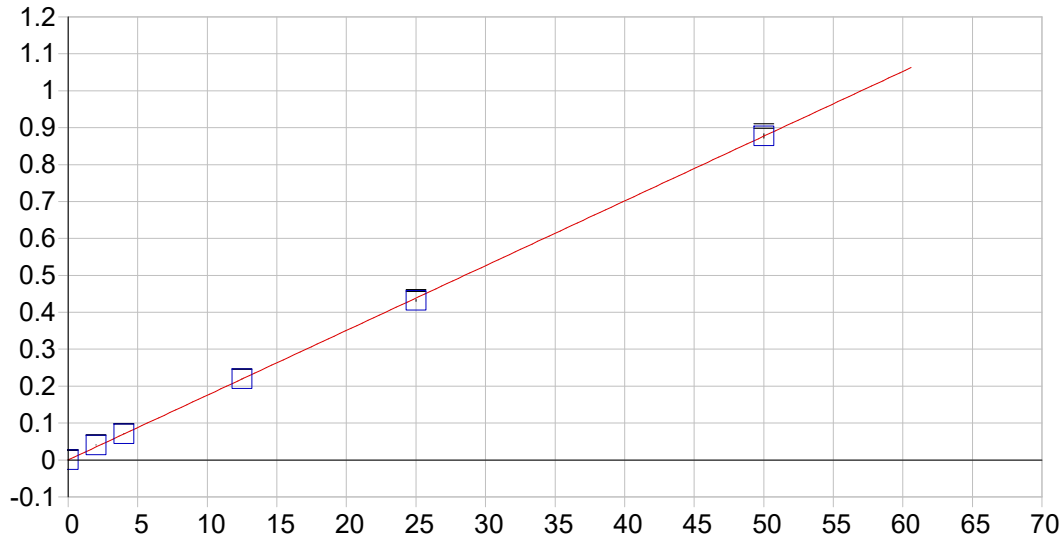


Mn 257.610 {131}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000372	Re-Slope:	1.000000
A1 (Gain):	0.552518	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000076		
Predicted MDL:	0.001515		
Predicted MQL:	0.005050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.02000	.02343	.003	17.1	.01332	.000	1
S3	1.2500	1.2549	.005	.389	.69385	.002	1
S4	2.5000	2.4945	-.005	-.219	1.3789	.011	1
S5	5.0000	4.9987	-.001	-.027	2.7628	.007	1
S2	.40000	.39852	-.001	-.370	.22060	.001	1

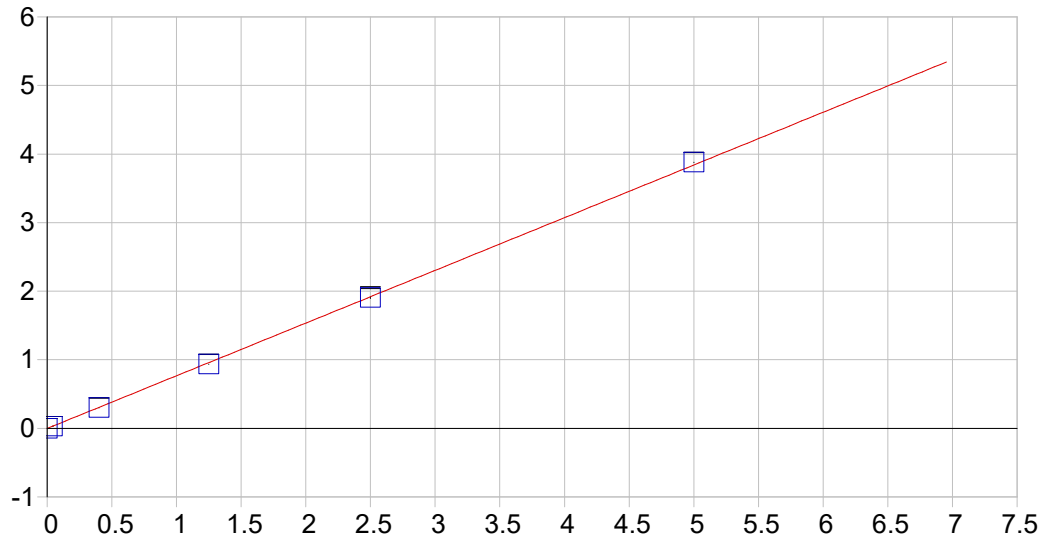


Mg 279.079 {121}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000146	Re-Slope:	1.000000
A1 (Gain):	0.017536	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999728	Status:	OK.
Std Error of Est:	0.000216		
Predicted MDL:	0.062614		
Predicted MQL:	0.208714		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	.00014	.001	1
S2	4.0000	4.0350	.035	.876	.07091	.000	1
S3	12.500	12.509	.009	.071	.21951	.001	1
S4	25.000	24.616	-.384	-1.54	.43182	.003	1
S5	50.000	50.041	.041	.083	.87769	.006	1
S1	2.0000	2.2987	.299	14.9	.04046	.000	1

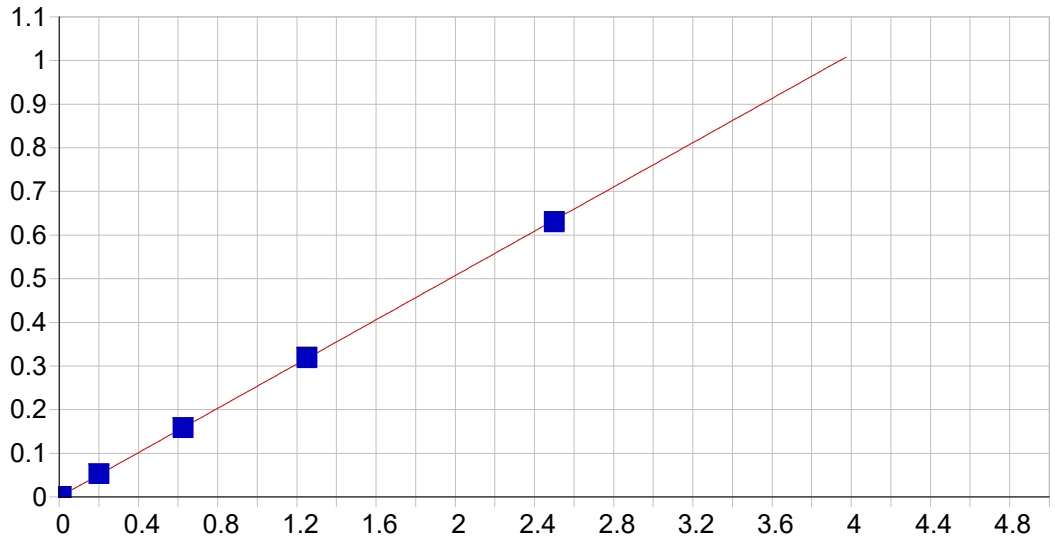


Ni 231.604 {446}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001927	Re-Slope:	1.000000
A1 (Gain):	0.768503	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999913	Status:	OK.
Std Error of Est:	0.000238		
Predicted MDL:	0.000601		
Predicted MQL:	0.002002		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00193	.000	1
S1	.04000	.04234	.002	5.86	.03061	.000	1
S3	1.2500	1.2194	-.031	-2.45	.93521	.001	1
S4	2.5000	2.4856	-.014	-.577	1.9083	.014	1
S5	5.0000	5.0500	.050	1.000	3.8790	.005	1
S2	.40000	.39265	-.007	-1.84	.29982	.001	1

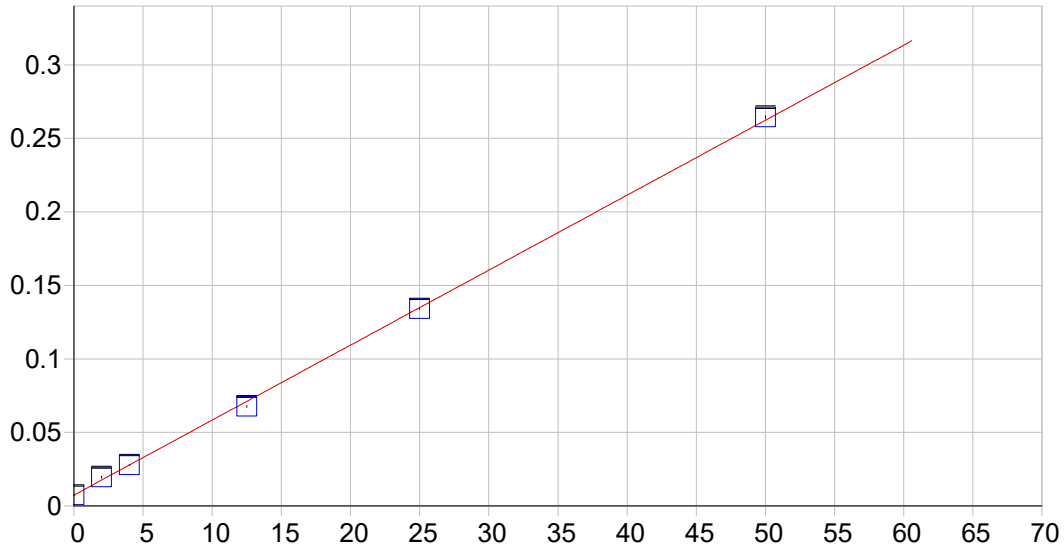


Ag 328.068 {103}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000087	Re-Slope:	1.000000
A1 (Gain):	0.253660	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.001393		
Predicted MQL:	0.004644		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.00871	-.001	-12.9	.00228	.000	1
S3	.62500	.62516	.000	.025	.15796	.001	1
S4	1.2500	1.2577	.008	.614	.31770	.001	1
S5	2.5000	2.4853	-.015	-.587	.62769	.000	1
S2	.20000	.20813	.008	4.07	.05266	.000	1



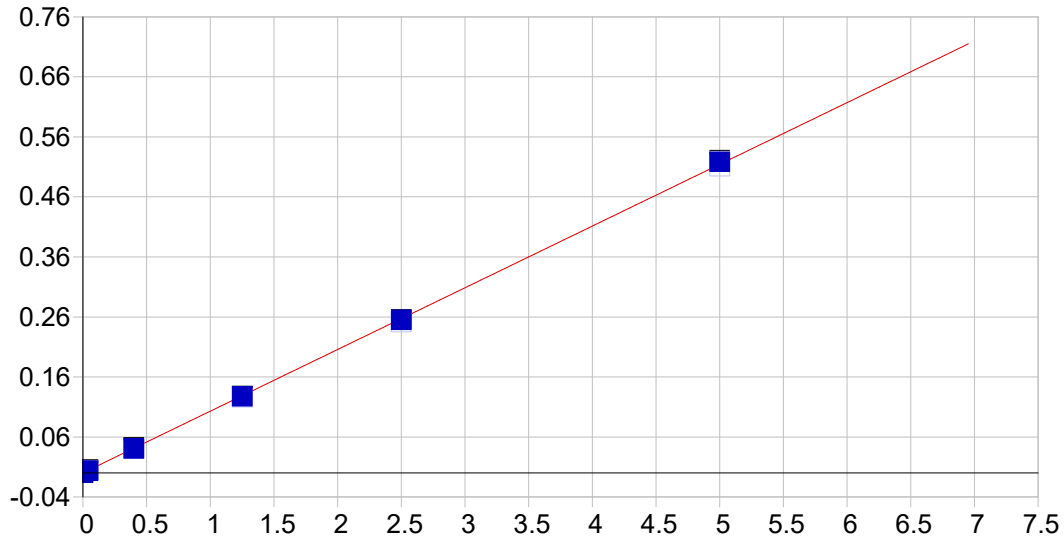
Na 589.592 { 57}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007383	Re-Slope:	1.000000
A1 (Gain):	0.005100	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999362	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.081974		
Predicted MQL:	0.273246		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00030	-.000	.000	.00738	.001	1
S2	4.0000	4.0273	.027	.682	.02792	.000	1
S3	12.500	11.815	-.685	-5.48	.06764	.001	1
S4	25.000	24.853	-.147	-.588	.13413	.000	1
S5	50.000	50.411	.411	.822	.26447	.001	1
S1	2.0000	2.3935	.393	19.7	.01959	.001	1

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

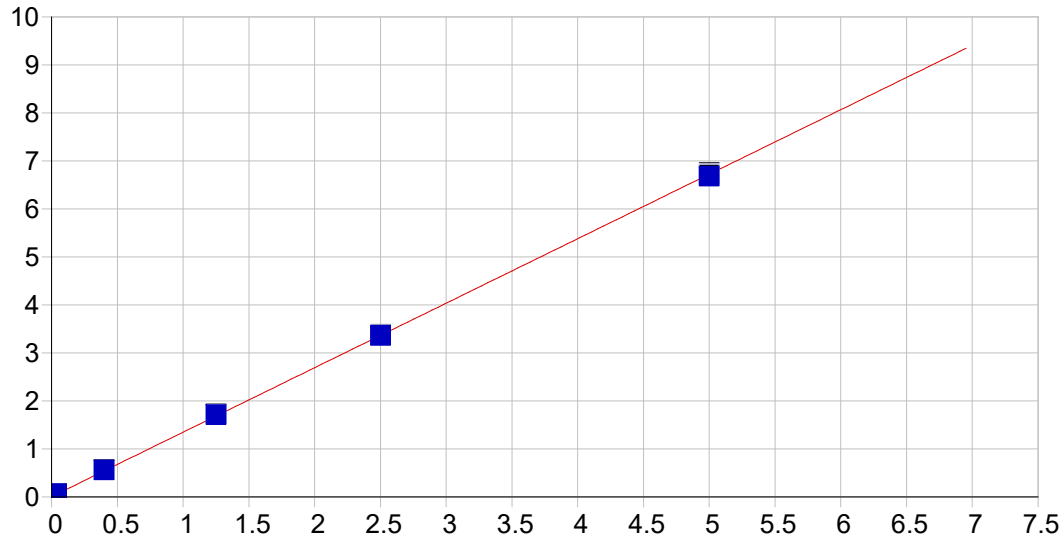


V 292.402 {115}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000116	Re-Slope:	1.000000
A1 (Gain):	0.102863	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.009997		
Predicted MQL:	0.033325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.04000	.03655	-.003	-8.64	.00349	.002	1
S3	1.2500	1.2423	-.008	-.613	.12580	.001	1
S4	2.5000	2.4778	-.022	-.887	.25101	.001	1
S5	5.0000	5.0396	.040	.792	.51077	.003	1
S2	.40000	.39362	-.006	-1.60	.03977	.002	1

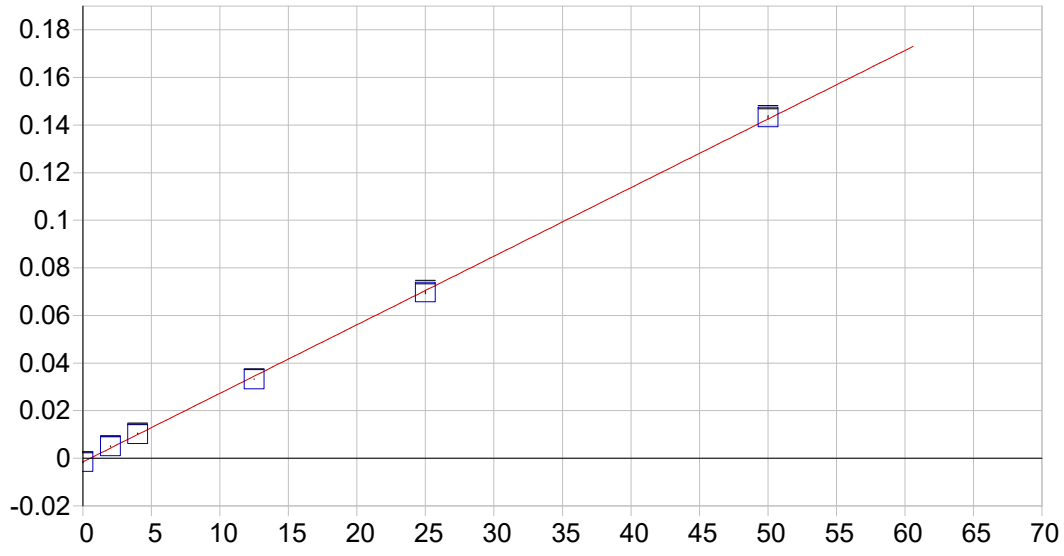


Zn 213.856 {158}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004597	Re-Slope:	1.000000
A1 (Gain):	1.343734	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000383		
Predicted MDL:	0.000695		
Predicted MQL:	0.002317		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00459	.000	1
S1	.04000	.04418	.004	10.5	.06434	.001	1
S3	1.2500	1.2702	.020	1.62	1.7231	.006	1
S4	2.5000	2.4948	-.005	-.208	3.3803	.008	1
S5	5.0000	4.9684	-.032	-.632	6.7276	.028	1
S2	.40000	.41238	.012	3.10	.56247	.002	1

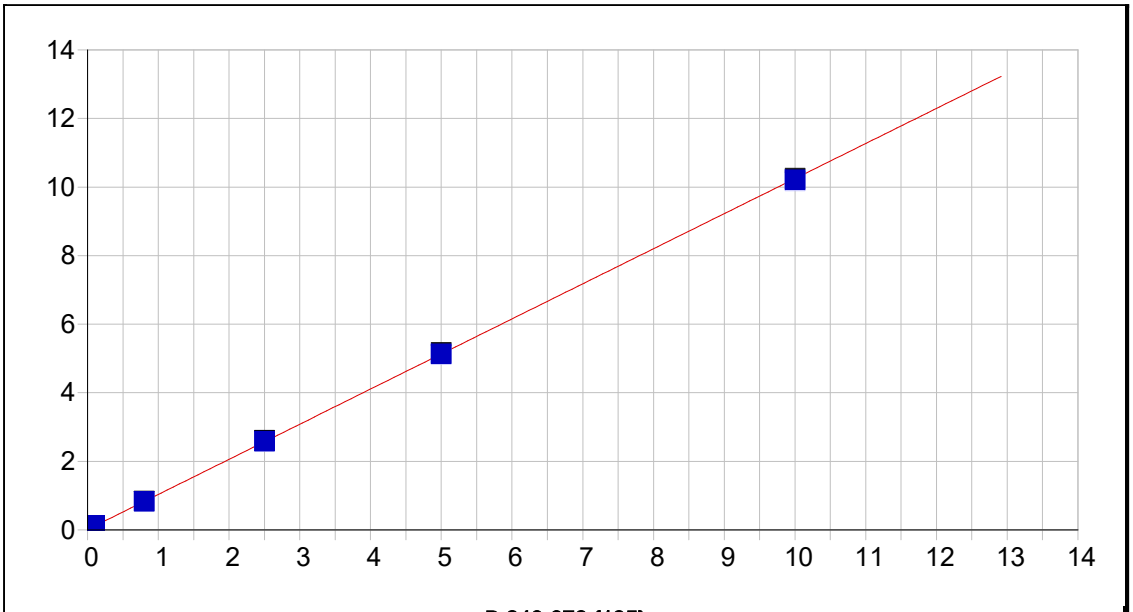


K 766.490 { 44}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001510	Re-Slope:	1.000000
A1 (Gain):	0.002881	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999664	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.155362		
Predicted MQL:	0.517872		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00026	-.000	.000	-.00151	.000	1
S2	4.0000	4.0937	.094	2.34	.01028	.000	1
S3	12.500	12.052	-.448	-3.58	.03321	.000	1
S4	25.000	24.778	-.222	-.889	.06987	.001	1
S5	50.000	50.290	.290	.581	.14336	.001	1
S1	2.0000	2.2862	.286	14.3	.00508	.000	1

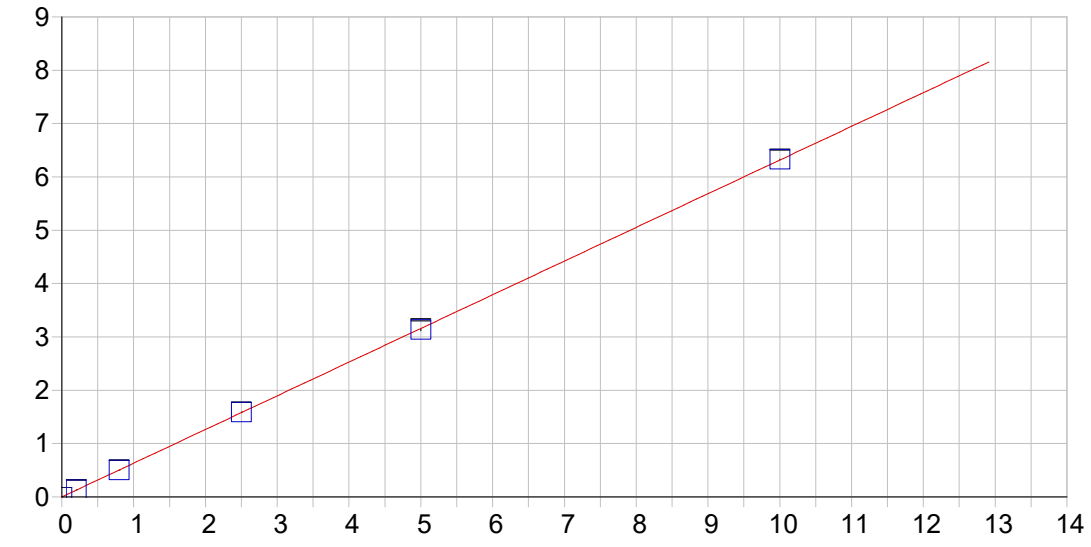


B 249.678 {135}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012911	Re-Slope:	1.000000
A1 (Gain):	1.023425	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000452		
Predicted MDL:	0.001895		
Predicted MQL:	0.006317		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01290	.000	1
S1	.10000	.11051	.011	10.5	.12540	.002	1
S3	2.5000	2.5133	.013	.533	2.5759	.025	1
S4	5.0000	5.0073	.007	.145	5.1190	.030	1
S5	10.000	9.9670	-.033	-.330	10.176	.041	1
S2	.80000	.80196	.002	.245	.83071	.002	1

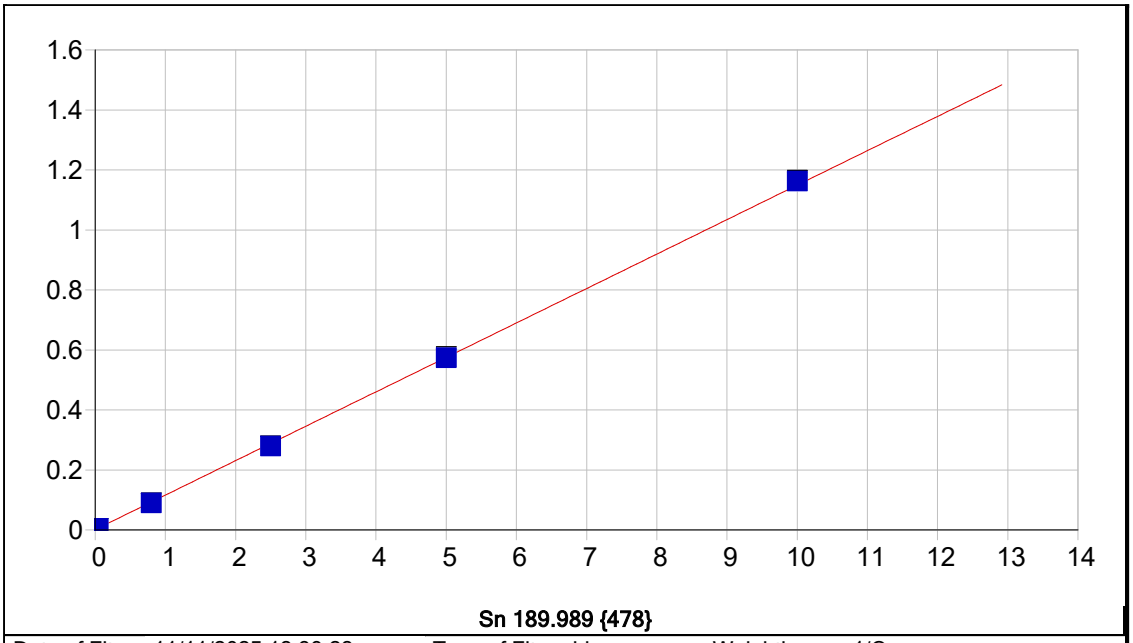


Mo 202.030 {467}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000774	Re-Slope:	1.000000
A1 (Gain):	0.631561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000276		
Predicted MDL:	0.000640		
Predicted MQL:	0.002134		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00077	.001	1
S1	.20000	.20584	.006	2.92	.13077	.000	1
S3	2.5000	2.5181	.018	.724	1.5911	.000	1
S4	5.0000	4.9629	-.037	-.741	3.1352	.018	1
S5	10.000	10.018	.018	.181	6.3278	.011	1
S2	.80000	.79504	-.005	-.620	.50289	.000	1

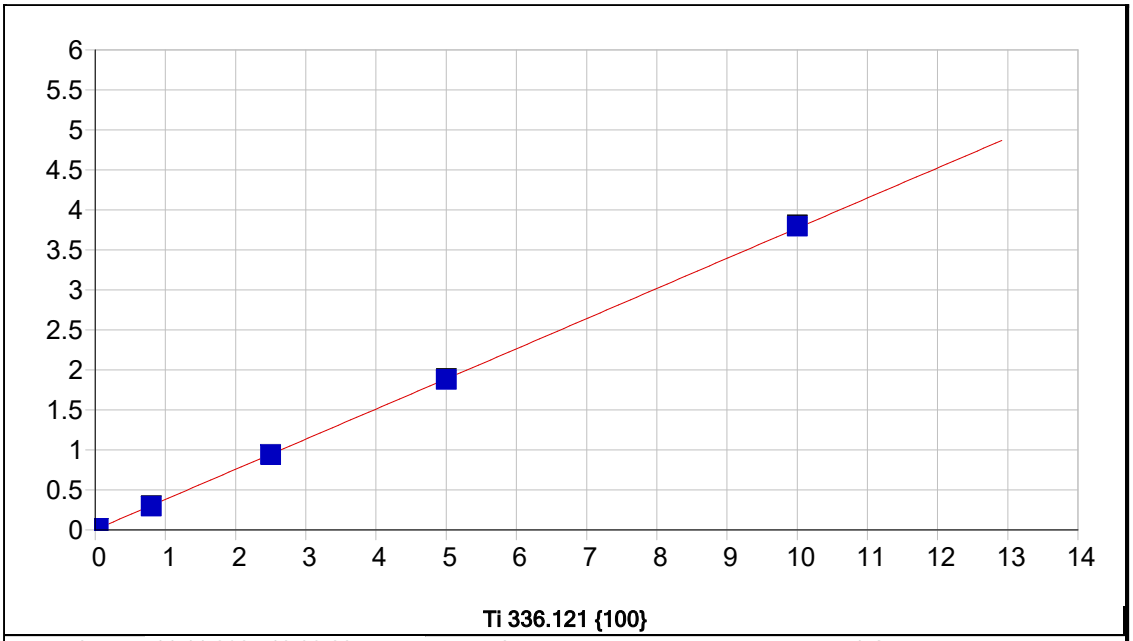


Sn 189.989 {478}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001098	Re-Slope:	1.000000
A1 (Gain):	0.114790	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.001509		
Predicted MQL:	0.005031		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.000	1
S1	.04000	.03912	-.001	-2.20	.00558	.000	1
S3	2.5000	2.4221	-.078	-3.12	.27884	.000	1
S4	5.0000	4.9869	-.013	-.263	.57295	.004	1
S5	10.000	10.119	.119	1.19	1.1615	.003	1
S2	.80000	.77255	-.027	-3.43	.08969	.000	1

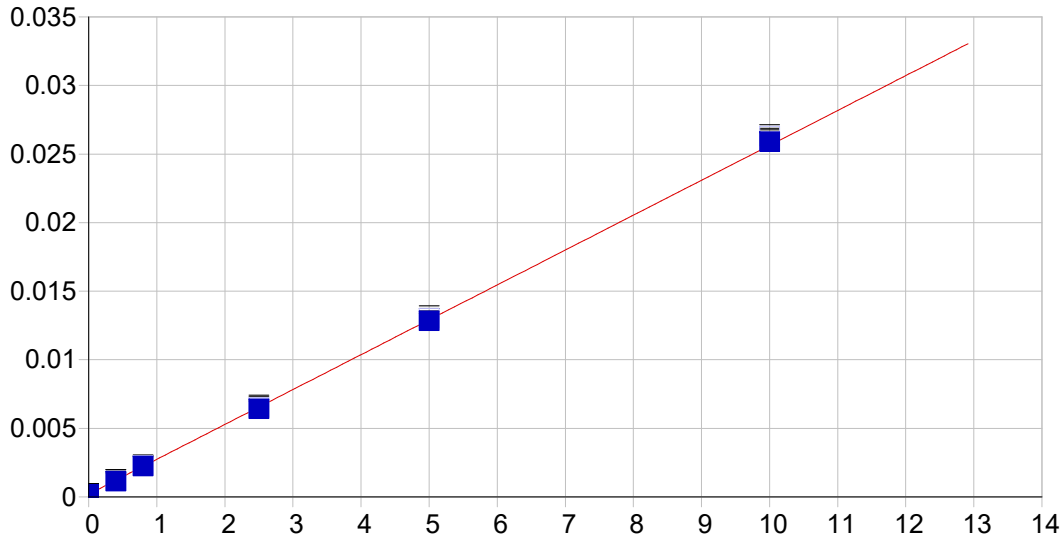


Ti 336.121 {100}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003792	Re-Slope:	1.000000
A1 (Gain):	0.376720	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000115		
Predicted MDL:	0.004495		
Predicted MQL:	0.014983		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00379	.001	1
S1	.04000	.03597	-.004	-10.1	.01733	.002	1
S3	2.5000	2.4875	-.013	-.501	.94054	.004	1
S4	5.0000	4.9756	-.024	-.488	1.8775	.009	1
S5	10.000	10.063	.063	.626	3.7932	.016	1
S2	.80000	.77835	-.022	-2.71	.29690	.001	1

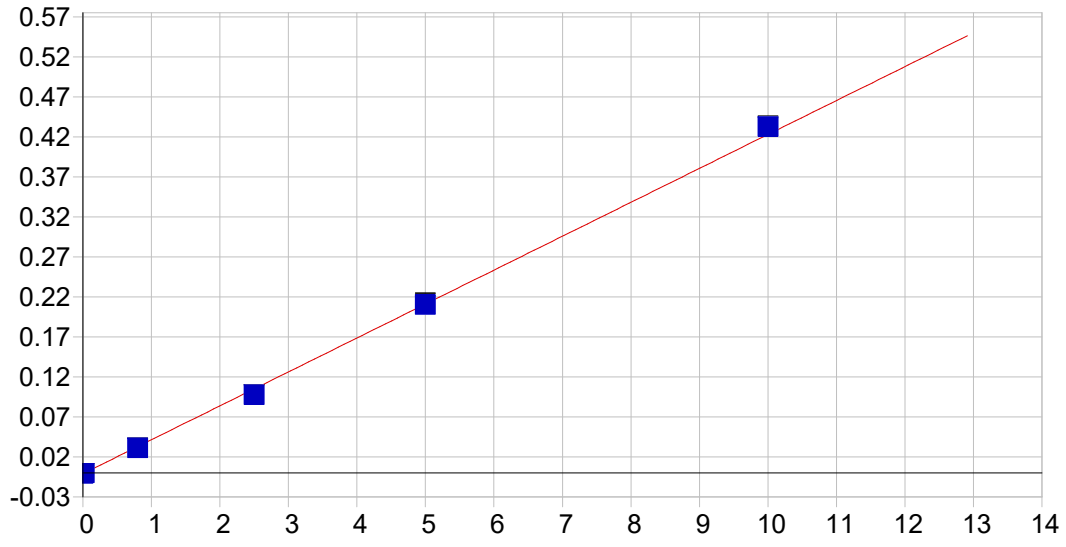


Si 288.158 {117}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000196	Re-Slope:	1.000000
A1 (Gain):	0.002543	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.044051		
Predicted MQL:	0.146838		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00020	.000	1
S1	.40000	.37187	-.028	-7.03	.00114	.000	1
S3	2.5000	2.4460	-.054	-2.16	.00651	.000	1
S4	5.0000	4.9642	-.036	-.717	.01301	.000	1
S5	10.000	10.110	.110	1.10	.02629	.000	1
S2	.80000	.80786	.008	.982	.00228	.000	1

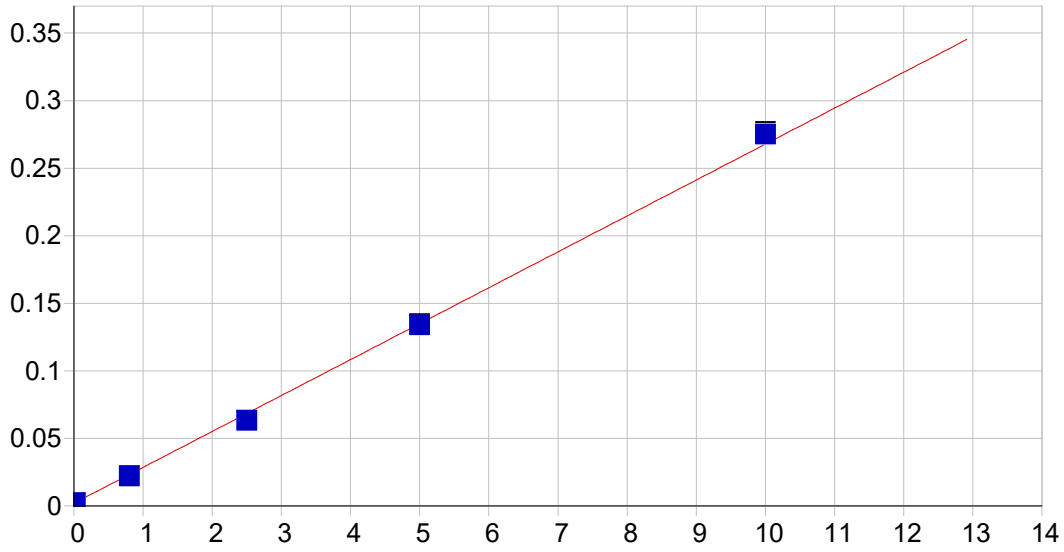


P 177.495 {490}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000985	Re-Slope:	1.000000
A1 (Gain):	0.042390	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999466	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.003364		
Predicted MQL:	0.011214		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00099	.000	1
S1	.02000	.02105	.001	5.24	-.00009	.000	1
S3	2.5000	2.3280	-.172	-6.88	.09768	.000	1
S4	5.0000	4.9880	-.012	-.240	.21042	.002	1
S5	10.000	10.228	.228	2.28	.43249	.001	1
S2	.80000	.75533	-.045	-5.58	.03103	.000	1

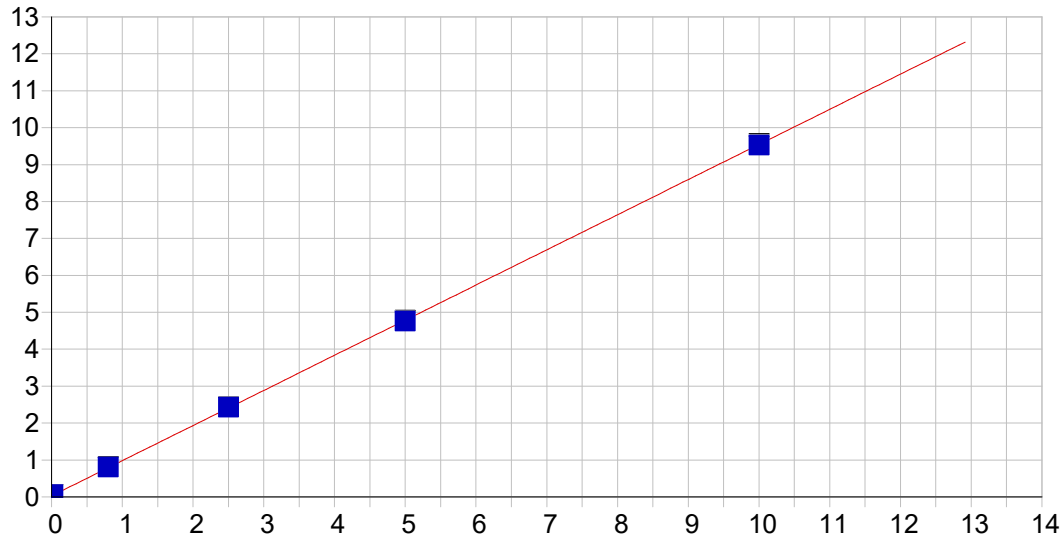


S 182.034 {485}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001972	Re-Slope:	1.000000
A1 (Gain):	0.026584	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999241	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.006270		
Predicted MQL:	0.020902		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00197	.000	1
S1	.02000	.01368	-.006	-31.6	.00231	.000	1
S3	2.5000	2.3032	-.197	-7.87	.06303	.000	1
S4	5.0000	4.9677	-.032	-.646	.13369	.001	1
S5	10.000	10.278	.278	2.78	.27451	.002	1
S2	.80000	.75733	-.043	-5.33	.02205	.000	1

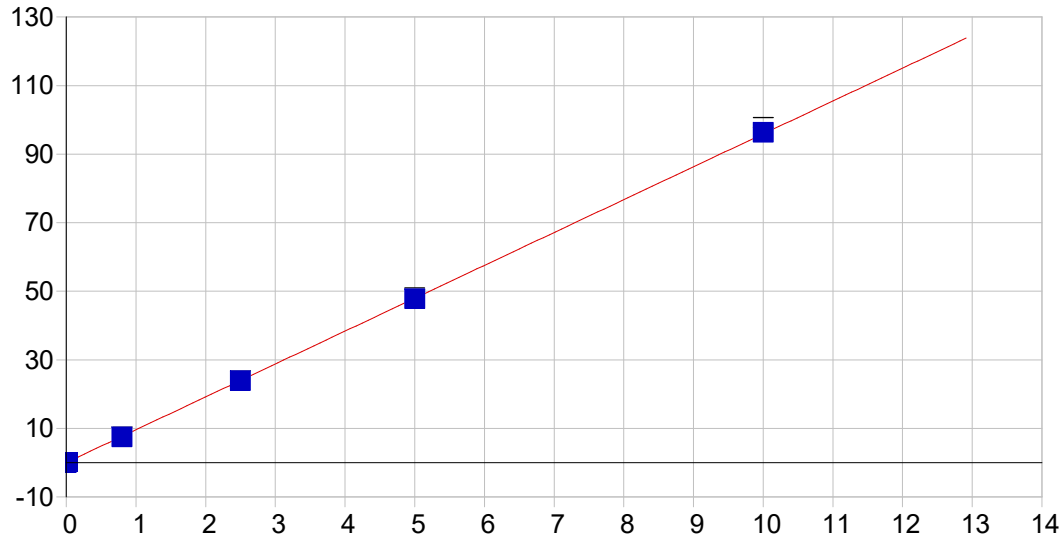


Li 670.784 { 50}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.028749	Re-Slope:	1.000000
A1 (Gain):	0.951690	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999764	Status:	OK.
Std Error of Est:	0.000485		
Predicted MDL:	0.005393		
Predicted MQL:	0.017977		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02874	.006	1
S5	10.000	9.9795	-.020	-.205	9.5338	.035	1
S4	5.0000	4.9713	-.029	-.574	4.7637	.024	1
S3	2.5000	2.5230	.023	.922	2.4318	.008	1
S1	.02000	.03265	.013	63.3	.06016	.003	1
S2	.80000	.81327	.013	1.66	.80334	.008	1

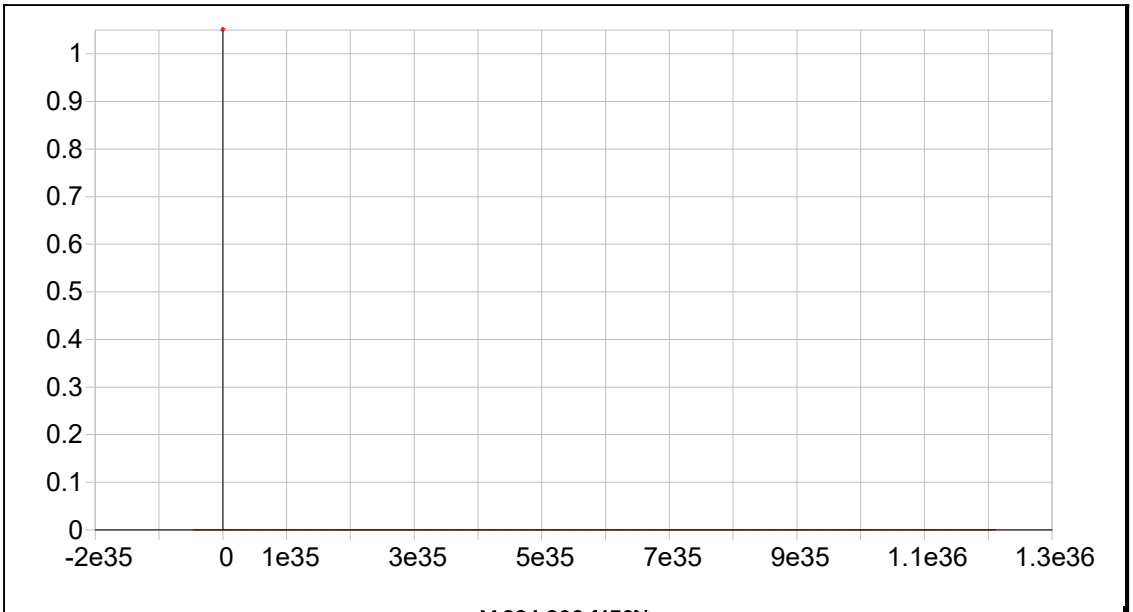


Sr 407.771 { 83}

Date of Fit:	11/11/2025 18:39:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000242	Re-Slope:	1.000000
A1 (Gain):	9.590972	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.001515		
Predicted MDL:	0.000303		
Predicted MQL:	0.001011		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.003	1
S1	.02000	.02176	.002	8.82	.20942	.001	1
S3	2.5000	2.4915	-.009	-.341	23.918	.032	1
S4	5.0000	4.9824	-.018	-.352	47.832	.223	1
S5	10.000	10.042	.042	.424	96.408	1.45	1
S2	.80000	.78196	-.018	-2.25	7.5069	.027	1

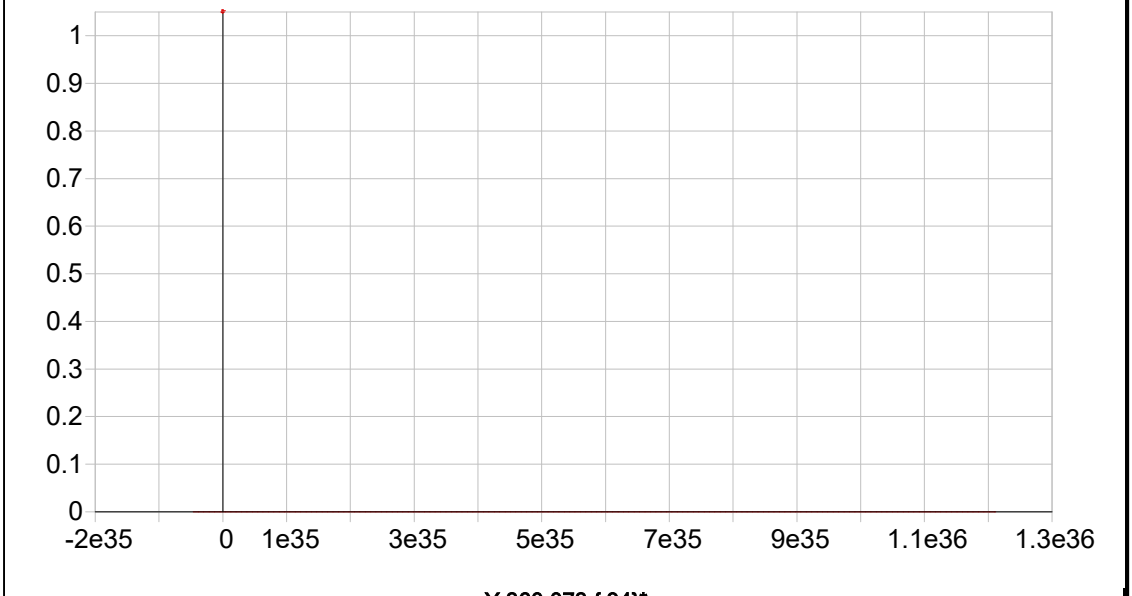


Y 224.306 {450}*

Date of Fit:	11/11/2025 18:39:28	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



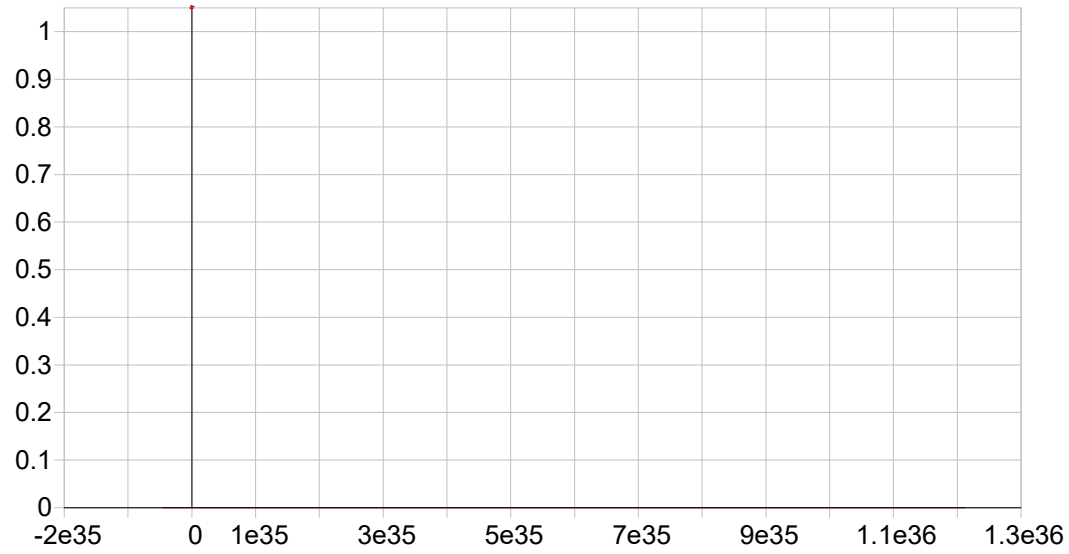
Y 360.073 { 94}*

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

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

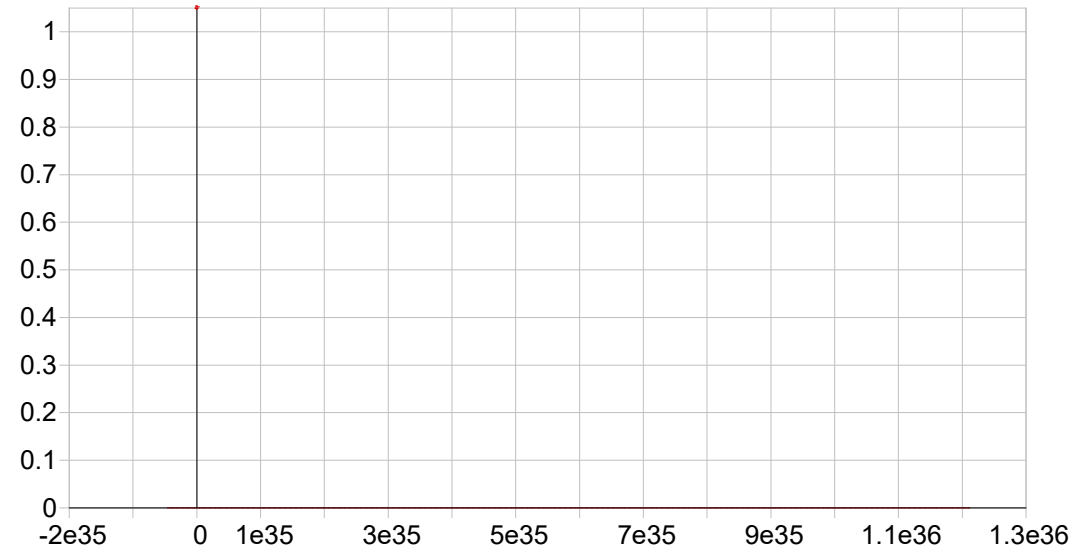


Y 371.030 { 91}*

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		

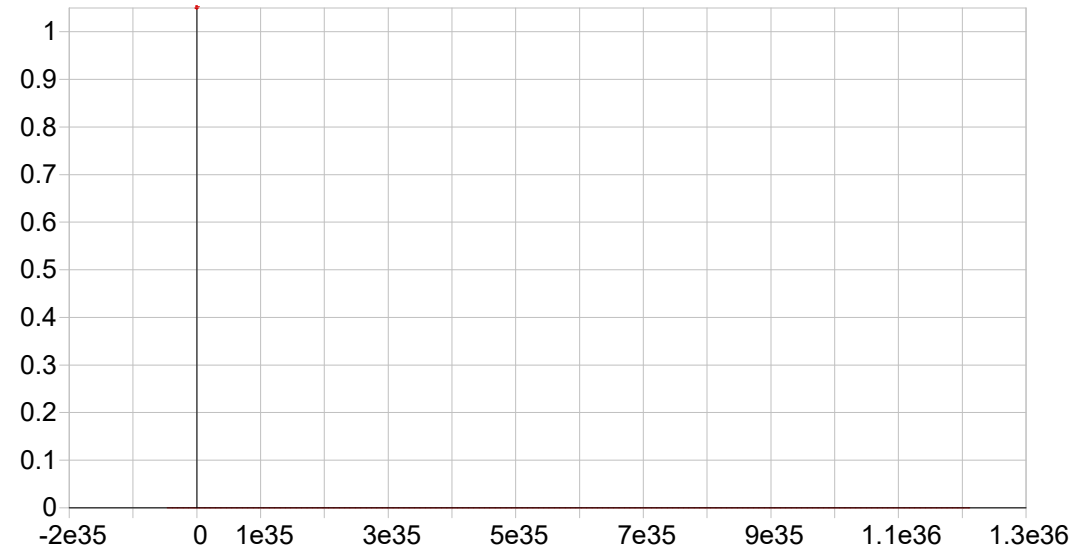
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 224.306 {150}*

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

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



In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

A2 (Curvature):		0.000000					
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

Sample Name: S0 Acquired: 11/11/2025 11:47:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00006**	**.00114**	**.00022**	**.00146**	**.00192**	**-.00436**	**.18678**	**-.00300**
Stddev	.00010	.00014	.00034	.00031	.00041	.00533	.00697	.00130
%RSD	167.81	12.401	153.87	21.263	21.397	122.16	3.7314	43.253
#1	-.00016	.00123	.00045	.00181	.00176	.00035	.19481	-.00167
#2	.00003	.00121	-.00017	.00126	.00162	-.01014	.18235	-.00305
#3	-.00004	.00098	.00039	.00129	.00239	-.00329	.18317	-.00426

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00171**	**-.00129**	**.00029**	**.00017**	**.00195**	**.00007**	**.00037**	**.00014**
Stddev	.00020	.00166	.00013	.00033	.00041	.00004	.00028	.00093
%RSD	11.437	128.03	43.822	195.28	21.182	60.371	75.876	661.12
#1	-.00155	.00013	.00043	.00018	.00178	.00007	.00010	-.00021
#2	-.00193	-.00090	.00022	-.00017	.00242	.00012	.00035	.00120
#3	-.00164	-.00311	.00021	.00050	.00164	.00003	.00066	-.00056

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00193**	**.00009**	**.00738**	**-.00012**	**.00459**	**-.00151**	**.01290**	**.00077**
Stddev	.00036	.00006	.00068	.00035	.00037	.00035	.00013	.00060
%RSD	18.471	66.823	9.2082	304.04	8.0626	23.083	1.0210	77.727
#1	-.00190	.00002	.00668	.00013	.00421	-.00185	.01304	.00058
#2	-.00230	.00010	.00743	-.00052	.00461	-.00153	.01278	.00144
#3	-.00159	.00014	.00803	.00004	.00495	-.00115	.01287	.00029

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00110**	**.00379**	**.00020**	**-.00099**	**.00197**	**.02874**	**-.00025**
Stddev	.00007	.00099	.00005	.00006	.00010	.00566	.00344
%RSD	6.1414	26.188	25.121	5.9879	5.1346	19.708	1355.4
#1	.00102	.00396	.00025	-.00101	.00205	.03454	-.00283
#2	.00112	.00273	.00017	-.00092	.00186	.02845	.00365
#3	.00115	.00469	.00016	-.00102	.00201	.02322	-.00158

Sample Name: S0 Acquired: 11/11/2025 11:47:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.3	34767.	2390.7	3156.6	3944.1
Stddev	30.4	337.	8.1	32.8	48.8
%RSD	1.2393	.96787	.33827	1.0389	1.2360
#1	2436.5	35154.	2386.3	3193.6	3914.7
#2	2490.4	34600.	2385.8	3145.1	4000.4
#3	2439.0	34546.	2400.0	3131.2	3917.3

Sample Name: S1 Acquired: 11/11/2025 11:52:01 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00086**	**.00375**	**.00298**	**.00249**	**.00872**	**.00694**	**.37299**	**.12040**
Stddev	.00019	.00015	.00006	.00048	.00034	.00221	.00657	.00119
%RSD	21.824	3.9661	2.0706	19.121	3.9254	31.838	1.7618	.98850
#1	.00106	.00358	.00305	.00304	.00853	.00948	.37884	.12003
#2	.00069	.00386	.00294	.00215	.00851	.00542	.37425	.12173
#3	.00082	.00381	.00295	.00229	.00911	.00593	.36588	.11943

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.01388**	**.10772**	**.00264**	**.03279**	**.02169**	**.00022**	**.01332**	**.04046**
Stddev	.00038	.00092	.00009	.00061	.00036	.00005	.00038	.00040
%RSD	2.7283	.84957	3.3167	1.8634	1.6443	22.262	2.8266	.99705
#1	.01432	.10679	.00272	.03321	.02174	.00020	.01348	.04037
#2	.01366	.10862	.00265	.03209	.02132	.00018	.01289	.04011
#3	.01366	.10774	.00254	.03308	.02202	.00027	.01359	.04090

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.03061**	**.00228**	**.01959**	**.00349**	**.06434**	**.00508**	**.12540**	**.13077**
Stddev	.00025	.00011	.00062	.00152	.00114	.00022	.00210	.00041
%RSD	.80276	4.8653	3.1809	43.455	1.7645	4.3381	1.6770	.31124
#1	.03036	.00215	.01893	.00510	.06309	.00517	.12599	.13044
#2	.03064	.00236	.02017	.00328	.06531	.00524	.12307	.13066
#3	.03084	.00232	.01966	.00209	.06462	.00482	.12715	.13123

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00558**	**.01733**	**.00114**	**-.00009**	**.00231**	**.06016**	**.20942**
Stddev	.00006	.00188	.00012	.00008	.00015	.00317	.00123
%RSD	1.0639	10.834	10.611	89.449	6.5245	5.2708	.58544
#1	.00560	.01946	.00111	-.00018	.00216	.05650	.20828
#2	.00552	.01662	.00128	-.00007	.00247	.06193	.20926
#3	.00564	.01591	.00104	-.00002	.00231	.06205	.21071

Sample Name: S1 Acquired: 11/11/2025 11:52:01 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2405.3**	**34424.**	**2375.9**	**3165.9**	**3754.0**
Stddev	9.3	206.	14.2	15.7	10.3
%RSD	.38692	.59786	.59590	.49633	.27524
#1	2411.7	34216.	2371.7	3150.4	3765.3
#2	2409.6	34428.	2364.4	3165.5	3751.8
#3	2394.7	34628.	2391.7	3181.9	3744.9

Sample Name: S2 Acquired: 11/11/2025 11:56:22 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.03562**	**.04241**	**.20420**	**.05353**	**.10543**	**.14858**	**2.8405**	**.71960**
Stddev	.00016	.00099	.00067	.00044	.00075	.00132	.0094	.00071
%RSD	.44296	2.3410	.33026	.82801	.71490	.88767	.33064	.09874
#1	.03566	.04222	.20357	.05325	.10615	.14746	2.8434	.71912
#2	.03576	.04153	.20491	.05331	.10465	.15004	2.8300	.72042
#3	.03545	.04348	.20411	.05404	.10547	.14825	2.8481	.71928

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.97819**	**.19205**	**.03777**	**.41196**	**.17701**	**.00146**	**.22060**	**.07091**
Stddev	.00255	.00226	.00004	.00110	.00021	.00005	.00131	.00030
%RSD	.26099	1.1784	.10821	.26654	.12135	3.4478	.59238	.41836
#1	.97532	.19057	.03781	.41070	.17708	.00148	.21970	.07065
#2	.97902	.19466	.03773	.41260	.17717	.00140	.22001	.07083
#3	.98021	.19093	.03777	.41259	.17676	.00149	.22210	.07123

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.29982**	**.05266**	**.02792**	**.03977**	**.56247**	**.01028**	**.83071**	**.50289**
Stddev	.00121	.00035	.00042	.00201	.00229	.00036	.00192	.00049
%RSD	.40460	.66872	1.5023	5.0526	.40696	3.4792	.23106	.09718
#1	.29851	.05302	.02781	.04031	.56088	.00989	.83241	.50280
#2	.30090	.05263	.02757	.03755	.56509	.01058	.83107	.50245
#3	.30006	.05231	.02838	.04146	.56144	.01038	.82863	.50342

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.08969**	**.29690**	**.00228**	**.03103**	**.02205**	**.80334**	**7.5069**
Stddev	.00026	.00125	.00005	.00009	.00019	.00765	.0272
%RSD	.28807	.41966	2.3194	.28614	.86201	.95243	.36179
#1	.08939	.29707	.00234	.03098	.02225	.79949	7.5288
#2	.08978	.29558	.00226	.03113	.02202	.81215	7.4765
#3	.08988	.29805	.00224	.03097	.02188	.79837	7.5154

Sample Name: S2 Acquired: 11/11/2025 11:56:22 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.2	34110.	2512.9	3179.0	3674.2
Stddev	16.8	124.	3.5	1.4	15.5
%RSD	.69560	.36265	.13917	.04333	.42231
#1	2400.8	33979.	2508.9	3178.5	3663.0
#2	2431.5	34224.	2514.1	3178.0	3691.9
#3	2404.4	34127.	2515.6	3180.6	3667.7

Sample Name: S3 Acquired: 11/11/2025 12:00:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10986	.12947	.63673	.15715	.31891	.47691	8.6059	2.2233
Stddev	.00016	.00167	.00138	.00024	.00026	.00131	.0259	.0273
%RSD	.14393	1.2916	.21694	.15334	.08308	.27567	.30068	1.2301
#1	.10971	.13026	.63523	.15733	.31908	.47841	8.6307	2.1921
#2	.11003	.13060	.63699	.15724	.31861	.47636	8.6080	2.2349
#3	.10985	.12755	.63796	.15688	.31906	.47597	8.5790	2.2429

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0559	.60417	.11596	1.2846	.54050	.00440	.69385	.21951
Stddev	.0032	.00083	.00083	.0011	.00086	.00006	.00214	.00065
%RSD	.10585	.13662	.71235	.08428	.15859	1.3831	.30855	.29435
#1	3.0529	.60436	.11589	1.2833	.54137	.00445	.69562	.21879
#2	3.0593	.60327	.11682	1.2851	.53965	.00433	.69445	.22005
#3	3.0553	.60489	.11518	1.2853	.54047	.00442	.69147	.21967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.93521	.15796	.06764	.12580	1.7231	.03321	2.5759	1.5911
Stddev	.00114	.00067	.00069	.00051	.0061	.00010	.0254	.0001
%RSD	.12162	.42441	1.0204	.40534	.35164	.30358	.98516	.00900
#1	.93450	.15813	.06831	.12540	1.7281	.03310	2.5474	1.5913
#2	.93652	.15852	.06693	.12637	1.7249	.03323	2.5840	1.5910
#3	.93460	.15722	.06768	.12563	1.7164	.03329	2.5962	1.5910

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27884	.94054	.00651	.09768	.06303	2.4318	23.918
Stddev	.00021	.00404	.00017	.00019	.00031	.0078	.032
%RSD	.07589	.42956	2.6600	.19597	.49032	.32291	.13451
#1	.27904	.94400	.00669	.09790	.06333	2.4402	23.945
#2	.27886	.93610	.00649	.09762	.06304	2.4306	23.928
#3	.27861	.94151	.00635	.09753	.06271	2.4246	23.883

Sample Name: S3 Acquired: 11/11/2025 12:00:35 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.1	34941.	2476.9	3147.2	3661.1
Stddev	6.3	204.	11.3	22.0	10.1
%RSD	.25996	.58284	.45572	.69857	.27640
#1	2412.2	34708.	2488.0	3123.1	3656.7
#2	2417.2	35031.	2477.1	3152.3	3654.0
#3	2424.7	35085.	2465.5	3166.1	3672.7

Sample Name: S4 Acquired: 11/11/2025 12:04:42 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.22460	.26743	1.3017	.32287	.64154	.93443	17.168	4.3925
Stddev	.00128	.00123	.0097	.00171	.00495	.00209	.101	.0265
%RSD	.56875	.45813	.74719	.52855	.77232	.22345	.58559	.60420
#1	.22361	.26652	1.2941	.32136	.63724	.93635	17.149	4.3921
#2	.22604	.26695	1.3127	.32472	.64696	.93221	17.277	4.4192
#3	.22414	.26882	1.2983	.32254	.64042	.93475	17.078	4.3661

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3185	1.2034	.22978	2.6188	1.0712	.00883	1.3789	.43182
Stddev	.0425	.0084	.00069	.0197	.0074	.00002	.0107	.00266
%RSD	.67260	.69587	.30208	.75127	.68750	.19274	.77893	.61551
#1	6.2918	1.2074	.22974	2.6066	1.0659	.00882	1.3748	.43019
#2	6.3675	1.2090	.22911	2.6415	1.0796	.00885	1.3911	.43038
#3	6.2962	1.1938	.23050	2.6083	1.0681	.00882	1.3708	.43489

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9083	.31770	.13413	.25101	3.3803	.06987	5.1190	3.1352
Stddev	.0140	.00100	.00039	.00096	.0077	.00072	.0302	.0184
%RSD	.73561	.31576	.29277	.38372	.22656	1.0326	.58897	.58716
#1	1.8990	.31664	.13455	.25045	3.3740	.06911	5.1149	3.1228
#2	1.9244	.31864	.13378	.25212	3.3780	.06994	5.1510	3.1563
#3	1.9014	.31780	.13404	.25046	3.3888	.07055	5.0912	3.1264

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57295	1.8775	.01301	.21042	.13369	4.7637	47.832
Stddev	.00400	.0089	.00019	.00172	.00074	.0243	.223
%RSD	.69783	.47380	1.4316	.81871	.55142	.50980	.46723
#1	.57065	1.8764	.01305	.20940	.13333	4.7514	47.825
#2	.57757	1.8869	.01281	.21241	.13454	4.7917	48.059
#3	.57064	1.8692	.01318	.20945	.13320	4.7480	47.612

Sample Name: S4 Acquired: 11/11/2025 12:04:42 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2366.8**	**34144.**	**2482.8**	**3143.9**	**3453.8**
Stddev	10.7	34.	14.9	10.7	21.9
%RSD	.45385	.10093	.60036	.34074	.63513
#1	2373.5	34176.	2485.5	3145.7	3463.7
#2	2354.4	34148.	2466.8	3153.6	3428.7
#3	2372.5	34107.	2496.2	3132.4	3469.1

Sample Name: S5 Acquired: 11/11/2025 12:08:47 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.45156	.52603	2.6508	.63725	1.2818	1.9064	34.581	8.6644
Stddev	.00164	.01128	.0025	.00209	.0023	.0063	.148	.0408
%RSD	.36213	2.1438	.09517	.32792	.17920	.33182	.42847	.47047
#1	.44990	.51393	2.6479	.63493	1.2800	1.9005	34.506	8.6188
#2	.45160	.53624	2.6518	.63784	1.2810	1.9057	34.485	8.6769
#3	.45317	.52792	2.6527	.63898	1.2844	1.9131	34.752	8.6974

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.928	2.4351	.45651	5.3551	2.1288	.01763	2.7628	.87769
Stddev	.021	.0077	.00160	.0104	.0034	.00011	.0073	.00576
%RSD	.16473	.31626	.35132	.19372	.16210	.63812	.26534	.65678
#1	12.906	2.4326	.45477	5.3485	2.1251	.01762	2.7608	.87555
#2	12.928	2.4290	.45793	5.3498	2.1293	.01751	2.7566	.87329
#3	12.949	2.4438	.45683	5.3671	2.1319	.01774	2.7709	.88421

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8790	.62769	.26447	.51077	6.7276	.14336	10.176	6.3278
Stddev	.0046	.00044	.00087	.00294	.0282	.00069	.041	.0108
%RSD	.11810	.06968	.32963	.57553	.41897	.48002	.40017	.17079
#1	3.8741	.62818	.26436	.50877	6.7201	.14316	10.133	6.3162
#2	3.8799	.62733	.26539	.50939	6.7038	.14413	10.184	6.3298
#3	3.8831	.62756	.26365	.51414	6.7587	.14280	10.213	6.3375

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1615	3.7932	.02629	.43249	.27451	9.5338	96.408
Stddev	.0030	.0157	.00013	.00095	.00184	.0345	1.446
%RSD	.26069	.41282	.49711	.21906	.66906	.36220	1.4995
#1	1.1583	3.7840	.02614	.43143	.27240	9.5121	96.501
#2	1.1619	3.7844	.02636	.43280	.27538	9.5157	94.918
#3	1.1643	3.8113	.02637	.43324	.27575	9.5736	97.805

Sample Name: S5 Acquired: 11/11/2025 12:08:47 Type: Cal
Method: 6010-200.7 NEW(v354) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2344.7**	**34047.**	**2455.9**	**3066.7**	**3347.8**
Stddev	2.0	37.	7.6	11.6	2.9
%RSD	.08321	.10729	.31080	.37794	.08606
#1	2343.8	34048.	2463.2	3067.5	3344.6
#2	2343.4	34009.	2456.5	3077.9	3348.7
#3	2346.9	34082.	2448.0	3054.8	3350.2

Sample Name: ICV01 Acquired: 11/11/2025 12:33:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.884180**	**3.810699**	**3.754755**	**3.911120**	**4.073147**	**7.914075**
Stddev	.009731	.090785	.009294	.016660	.003240	.055618
%RSD	.2505201	2.382375	.2475211	.4259597	.0795489	.7027694
#1	3.891192	3.914828	3.760106	3.930268	4.073797	7.904261
#2	3.873071	3.748159	3.744023	3.899946	4.076012	7.864018
#3	3.888277	3.769108	3.760135	3.903147	4.069630	7.973947

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.860043**	**.2066318**	**1.899587**	**19.61484**	**.8142708**	**1.956749**
Stddev	.029115	.0017169	.003016	.09900	.0024147	.001712
%RSD	.3704140	.8309102	.1587515	.5047145	.2965469	.0875023
#1	7.868546	.2065146	1.901089	19.63147	.8149237	1.956650
#2	7.827623	.2049765	1.896116	19.50857	.8162919	1.955088
#3	7.883959	.2084043	1.901557	19.70446	.8115968	1.958508

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.016663**	**3.929774**	**1.967967**	**19.70874**	**1.953525**	**.9487997**
Stddev	.001226	.038495	.008050	.08822	.002231	.0009837
%RSD	.1206360	.9795689	.4090277	.4476077	.1142027	.1036764
#1	1.017231	3.909163	1.966720	19.65273	1.954819	.9480713
#2	1.015255	3.974186	1.960614	19.66306	1.950949	.9484091
#3	1.017502	3.905974	1.976567	19.81043	1.954808	.9499187

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.78428**	**1.980107**	**2.020804**	**18.58569**	F **2.465270**	F **2.484970**
Stddev	.01879	.014557	.004087	.20616	.020122	.004245
%RSD	.1000244	.7351816	.2022499	1.109222	.8162306	.1708217
#1	18.76291	1.964422	2.021052	18.35728	2.468771	2.489616
#2	18.79823	1.982712	2.016598	18.75796	2.443627	2.483998
#3	18.79169	1.993185	2.024761	18.64182	2.483412	2.481295

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: ICV01 Acquired: 11/11/2025 12:33:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.410523	F 2.425836	F 2.270102	F .0038404	F .0227651	F -.002988
Stddev	.004671	.007911	.026387	.0023108	.0086195	.004363
%RSD	.1937849	.3261218	1.162378	60.16937	37.86271	146.0441
#1	2.415917	2.427001	2.239642	.0064803	.0143386	-.003126
#2	2.407777	2.417407	2.285972	.0021841	.0223913	-.007280
#3	2.407875	2.433100	2.284693	.0028569	.0315654	.001443

Elem	Sr4077
Units	ppm
Avg	F -.003438
Stddev	.000142
%RSD	4.140745
#1	-.003274
#2	-.003510
#3	-.003530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.329	34442.69	2458.604	3105.653	3591.057
Stddev	4.137	64.13	18.304	5.543	3.869
%RSD	.1732723	.1861811	.7445057	.1784773	.1077479
#1	2390.203	34475.14	2460.626	3111.550	3595.095
#2	2382.588	34368.83	2475.814	3104.858	3587.382
#3	2389.197	34484.11	2439.373	3100.550	3590.696

Sample Name: LLICV01 Acquired: 11/11/2025 13:01:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0228179**	**.0437407**	**.0122793**	**.0185326**	**.0536749**	**.0810448**
Stddev	.0014708	.0046228	.0008147	.0059812	.0016825	.0499858
%RSD	6.445986	10.56867	6.634891	32.27406	3.134571	61.67672
#1	.0222103	.0384351	.0120527	.0178386	.0546898	.0722737
#2	.0244952	.0458854	.0116019	.0248305	.0546020	.1348357
#3	.0217482	.0469017	.0131834	.0129286	.0517328	.0360252

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1080041**	**.0067951**	**.0060303**	**2.152396**	**.0108557**	**.0310641**
Stddev	.0036739	.0000904	.0000556	.020656	.0004254	.0003997
%RSD	3.401620	1.329583	.9217961	.9596788	3.918924	1.286800
#1	.1122165	.0068404	.0060789	2.134983	.0113093	.0306118
#2	.1063330	.0066910	.0059697	2.146986	.0107923	.0312108
#3	.1054629	.0068537	.0060423	2.175219	.0104656	.0313698

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0231099**	**.1056870**	**.0208789**	**2.263505**	**.0415315**	**.0095410**
Stddev	.0008362	.0330039	.0003263	.035366	.0009031	.0012541
%RSD	3.618560	31.22792	1.563035	1.562435	2.174500	13.14478
#1	.0221604	.1094988	.0206903	2.303532	.0424410	.0103743
#2	.0234329	.1366195	.0212557	2.236484	.0406349	.0101500
#3	.0237366	.0709428	.0206906	2.250499	.0415187	.0080986

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.711482**	**.0342739**	**.0441301**	**1.650912**	**.1073535**	**.2071178**
Stddev	.183822	.0110114	.0001766	.217262	.0018473	.0006927
%RSD	10.74053	32.12775	.4002352	13.16010	1.720798	.3344457
#1	1.561663	.0227122	.0440709	1.402072	.1062780	.2077562
#2	1.656174	.0446370	.0439907	1.747731	.1094866	.2063813
#3	1.916608	.0354725	.0443287	1.802932	.1062960	.2072160

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: LLICV01 Acquired: 11/11/2025 13:01:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387793	.0403233	.3946439	.0199774	F .0089672	.0206315
Stddev	.0005034	.0006562	.0075546	.0047350	.0022845	.0024406
%RSD	1.298068	1.627354	1.914269	23.70159	25.47664	11.82925
#1	.0392467	.0396095	.4031881	.0163227	.0100860	.0181002
#2	.0388449	.0404602	.3888489	.0253264	.0104767	.0229699
#3	.0382464	.0409003	.3918947	.0182830	.0063389	.0208245

Elem	Sr4077
Units	ppm
Avg	.0215847
Stddev	.0000949
%RSD	.4395757
#1	.0215684
#2	.0216866
#3	.0214990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.759	35015.34	2482.211	3162.729	3824.527
Stddev	10.823	175.23	7.824	18.069	7.360
%RSD	.4470726	.5004414	.3151919	.5713000	.1924388
#1	2431.199	35092.46	2486.154	3161.735	3831.799
#2	2421.486	35138.78	2487.278	3181.274	3824.700
#3	2409.591	34814.77	2473.200	3145.177	3817.082

Sample Name: ICB01 Acquired: 11/11/2025 13:05:41 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005273**	**-.001118**	**-.001590**	**-.006088**	**-.000576**	**.0077393**
Stddev	.003873	.002785	.000898	.001837	.002591	.0265715
%RSD	73.44172	249.2193	56.48950	30.17357	449.6985	343.3307
#1	-.007632	-.003645	-.001374	-.007843	.001312	.0378901
#2	-.007383	-.001576	-.000819	-.004179	-.003530	-.012260
#3	-.000804	.001868	-.002576	-.006242	.000490	-.002412

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002761**	**-.000054**	**.0000629**	**.0146865**	**-.000189**	**-.000000**
Stddev	.001096	.000055	.0000873	.0080540	.000649	.000076
%RSD	39.69962	101.3045	138.6980	54.83950	343.7738	22077.99
#1	-.002232	-.000079	.0000162	.0213311	-.000409	-.000081
#2	-.004022	.000009	.0001636	.0057291	-.000699	.000010
#3	-.002030	-.000091	.0000090	.0169991	.000542	.000070

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002627**	**-.005002**	**-.000943**	**-.037817**	**.0003694**	**-.001276**
Stddev	.0004091	.018540	.002054	.064173	.0006327	.000812
%RSD	155.7628	370.6603	217.7624	169.6953	171.2838	63.64998
#1	-.000166	-.026407	-.000423	.033762	-.000354	-.001950
#2	.000649	.006006	.000801	-.057004	.000640	-.001506
#3	.000304	.005396	-.003208	-.090207	.000822	-.000374

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.562530**	**-.008790**	**-.000601**	**-.235375**	**-.001406**	**.0004987**
Stddev	.063175	.011681	.000385	.041406	.002081	.0004751
%RSD	11.23051	132.8968	64.14129	17.59166	147.9962	95.25325
#1	-.628632	.004305	-.000222	-.195941	-.003006	-.000009
#2	-.502759	-.018138	-.000587	-.278506	.000947	.000574
#3	-.556200	-.012535	-.000992	-.231678	-.002160	.000932

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: ICB01 Acquired: 11/11/2025 13:05:41 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002435	-.002291	-.013837	-.001004	F -.018158	-.003127
Stddev	.001399	.006207	.043450	.002064	.007165	.005329
%RSD	57.46049	270.8702	314.0104	205.6594	39.46150	170.4041
#1	-.002217	.004742	-.063685	.001373	-.010658	-.007399
#2	-.001157	-.004614	.016014	-.002037	-.024933	.002844
#3	-.003930	-.007002	.006159	-.002347	-.018883	-.004827

Elem	Sr4077
Units	ppm
Avg	-.000134
Stddev	.000147
%RSD	110.1814
#1	-.000173
#2	-.000257
#3	.000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.286	34735.11	2460.757	3135.140	3851.940
Stddev	12.775	118.68	5.746	9.112	8.078
%RSD	.5337893	.3416575	.2335059	.2906453	.2097195
#1	2379.225	34841.75	2455.539	3144.342	3842.905
#2	2404.179	34756.33	2459.815	3126.121	3854.445
#3	2396.454	34607.26	2466.915	3134.957	3858.468

Sample Name: CRI01 Acquired: 11/11/2025 13:19:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	.0204519	.0416252	.0115266	.0190435	.0508900	.1102861	.1017418
Stddev	.0041338	.0034221	.0011725	.0041894	.0045395	.0144289	.0042215
%RSD	20.21211	8.221126	10.17169	21.99907	8.920184	13.08312	4.149272
#1	.0194789	.0406438	.0126840	.0185731	.0510625	.0978062	.1056506
#2	.0249853	.0454307	.0115560	.0151092	.0553408	.1260854	.1023098
#3	.0168914	.0388010	.0103397	.0234483	.0462668	.1069666	.0972650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067619	.0060404	2.142041	.0111319	.0304401	.0218593	.0867407
Stddev	.0000984	.0000945	.042824	.0004268	.0003564	.0003576	.0384227
%RSD	1.455212	1.564027	1.999204	3.834466	1.170726	1.636014	44.29606
#1	.0066503	.0059738	2.152471	.0107777	.0300723	.0222363	.0479899
#2	.0067994	.0061485	2.178686	.0110122	.0307838	.0218166	.1248268
#3	.0068361	.0059988	2.094965	.0116059	.0304644	.0215249	.0874055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220475	2.191841	.0409493	.0101969	1.677762	.0382808	.0445303
Stddev	.0003341	.013072	.0000692	.0018583	.142761	.0168824	.0012698
%RSD	1.515301	.5963764	.1690400	18.22372	8.509022	44.10139	2.851615
#1	.0224325	2.206379	.0410285	.0115598	1.537243	.0567722	.0459939
#2	.0218755	2.181056	.0409008	.0109508	1.673380	.0343796	.0438753
#3	.0218344	2.188090	.0409185	.0080802	1.822664	.0236906	.0437217

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653108	.1043358	.2051674	.0378008	.0385870	.3780871	.0206930
Stddev	.136026	.0032521	.0008567	.0019620	.0076530	.0263392	.0019419
%RSD	8.228526	3.116970	.4175371	5.190489	19.83323	6.966438	9.384174
#1	1.540535	.1079821	.2043284	.0400662	.0377998	.3753913	.0192235
#2	1.614532	.1017350	.2051330	.0366407	.0313580	.4056706	.0228944
#3	1.804256	.1032903	.2060407	.0366956	.0466032	.3531995	.0199610

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CRI01 Acquired: 11/11/2025 13:19:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0187595	.0239000	.0213326
Stddev	.0075330	.0066544	.0002635
%RSD	40.15591	27.84270	1.235043
#1	.0110862	.0164043	.0215670
#2	.0190482	.0261844	.0213834
#3	.0261440	.0291114	.0210474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.565	35299.34	2541.605	3173.557	3861.620
Stddev	2.599	96.05	4.056	4.839	3.819
%RSD	.1058962	.2721154	.1595927	.1524754	.0988913
#1	2452.928	35362.81	2537.758	3173.534	3858.122
#2	2457.562	35188.83	2541.215	3168.730	3861.045
#3	2453.204	35346.38	2545.842	3178.408	3865.694

Sample Name: ICSA01 Acquired: 11/11/2025 13:23:32 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0103858**	**.0095198**	**-.005278**	**-.000861**	**.0015671**	**251.9041**
Stddev	.0083094	.0102343	.001940	.005285	.0058629	.6695
%RSD	80.00781	107.5050	36.75703	614.0862	374.1185	.2657679
#1	.0012176	.0068575	-.003038	-.005788	-.005146	252.6267
#2	.0125193	.0208221	-.006417	-.001514	.005684	251.7808
#3	.0174205	.0008798	-.006379	.004720	.004163	251.3048

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0139367**	**.0014836**	**-.000141**	**242.7269**	**.0536854**	**.0013120**
Stddev	.0039506	.0000461	.000143	.4906	.0006162	.0009266
%RSD	28.34712	3.107998	101.2148	.2021294	1.147738	70.61865
#1	.0158153	.0014348	-.000263	242.9315	.0536690	.0019341
#2	.0165974	.0014896	.000016	243.0821	.0530776	.0002472
#3	.0093972	.0015264	-.000178	242.1671	.0543096	.0017548

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0081989**	**107.4084**	**.0096276**	**254.3596**	**.0066901**	**.0031957**
Stddev	.0005240	.4265	.0036931	.1106	.0005495	.0008353
%RSD	6.391771	.3970453	38.35947	.0434870	8.213556	26.13828
#1	.0086021	107.1179	.0093946	254.3264	.0061168	.0022609
#2	.0076065	107.2094	.0134318	254.4830	.0067414	.0038688
#3	.0083881	107.8980	.0060566	254.2694	.0072122	.0034576

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.276575**	**-.007201**	**.0025482**	**-.084175**	F **.1000255**	**.0027548**
Stddev	.045640	.004976	.0006185	.073999	.0042290	.0004372
%RSD	16.50188	69.10541	24.27103	87.91054	4.227942	15.86920
#1	-.265662	-.004878	.0032059	-.078358	.0975253	.0023227
#2	-.326683	-.012914	.0019784	-.013256	.0976428	.0031969
#3	-.237382	-.003811	.0024603	-.160910	.1049082	.0027448

Sample Name: ICSA01 Acquired: 11/11/2025 13:23:32 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005884**	**-.004695**	**.0003578**	**.0014574**	**.0006666**	F **-.026636**
Stddev	.000171	.001304	.0280833	.0065128	.0106222	.005646
%RSD	2.914133	27.77254	7848.137	446.8674	1593.590	21.19828
#1	-.005899	-.004882	-.010372	.0029828	.0021258	-.029058
#2	-.006048	-.005895	.032224	-.005683	.0104837	-.020183
#3	-.005706	-.003307	-.020779	.007072	-.010610	-.030667

Elem	Sr4077
Units	ppm
Avg	**-.003118**
Stddev	.000654
%RSD	20.95942
#1	-.002592
#2	-.002912
#3	-.003850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2246.707**	**31106.38**	**2465.914**	**2881.661**	**3162.555**
Stddev	11.273	51.33	14.381	3.790	14.947
%RSD	.5017759	.1650190	.5831862	.1315202	.4726187
#1	2241.856	31055.44	2458.577	2878.749	3152.111
#2	2259.593	31105.62	2456.682	2880.287	3179.677
#3	2238.670	31158.09	2482.484	2885.946	3155.878

Sample Name: ICSAB01 Acquired: 11/11/2025 13:27:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1106836**	**.1032514**	**.0476612**	**.0565702**	**.6316656**	**250.9487**
Stddev	.0071968	.0052621	.0020701	.0088111	.0015387	.3938
%RSD	6.502133	5.096373	4.343376	15.57541	.2435949	.1569149
#1	.1030564	.1014093	.0471641	.0505360	.6306340	251.2884
#2	.1116402	.0991581	.0499346	.0666814	.6334342	251.0407
#3	.1173543	.1091869	.0458849	.0524932	.6309286	250.5171

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5034347**	**.5251684**	**1.028002**	**241.3394**	**.6048130**	**.5197652**
Stddev	.0046420	.0016211	.001138	.4775	.0028893	.0006395
%RSD	.9220681	.3086816	.1106858	.1978460	.4777157	.1230345
#1	.5020628	.5262347	1.026973	241.8793	.6029630	.5190976
#2	.4996333	.5259677	1.029224	241.1659	.6033336	.5203722
#3	.5086081	.5233029	1.027810	240.9728	.6081424	.5198260

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5081969**	**106.5620**	**.5046865**	**253.0225**	**1.044025**	**.2143943**
Stddev	.0011213	.6830	.0020168	.4097	.001220	.0009308
%RSD	.2206458	.6409610	.3996216	.1619310	.1168712	.4341419
#1	.5093140	106.7035	.5059801	253.4342	1.045296	.2133359
#2	.5070715	105.8194	.5023626	253.0186	1.042863	.2147613
#3	.5082054	107.1632	.5057168	252.6148	1.043914	.2150856

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.463020**	**.4958096**	**1.078637**	**-.405691**	F **.0953629**	F **.0045841**
Stddev	.108501	.0053252	.004395	.233054	.0043942	.0004704
%RSD	23.43328	1.074045	.4074431	57.44624	4.607833	10.26212
#1	-.577043	.4900153	1.076773	-.448091	.0931113	.0045735
#2	-.361047	.4969244	1.083657	-.614634	.0925509	.0041191
#3	-.450969	.5004892	1.075481	-.154348	.1004265	.0050597

Sample Name: ICSAB01 Acquired: 11/11/2025 13:27:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.004767	F -.005863	F -.036592	F .0085855	F .0042022	F -.025152
Stddev	.000773	.001122	.011987	.0031568	.0142802	.002634
%RSD	16.20447	19.13881	32.75746	36.76923	339.8308	10.47194
#1	-.004418	-.007159	-.032407	.0050815	-.005828	-.027987
#2	-.005653	-.005211	-.027259	.0094677	.020552	-.022781
#3	-.004231	-.005220	-.050110	.0112074	-.002117	-.024688

Elem	Sr4077
Units	ppm
Avg	F -.002698
Stddev	.000849
%RSD	31.46588
#1	-.002399
#2	-.002039
#3	-.003656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.621	31586.23	2491.839	2920.943	3209.546
Stddev	8.132	30.52	14.876	5.482	9.168
%RSD	.3571974	.0966190	.5969893	.1876717	.2856589
#1	2272.920	31551.85	2479.490	2922.892	3214.034
#2	2285.945	31596.72	2487.674	2914.753	3215.605
#3	2270.997	31610.11	2508.354	2925.184	3198.998

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: ICSA01DLX20 Acquired: 11/11/2025 13:31:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001498**	**.0044949**	**-.001840**	**-.006280**	**-.001775**	**12.14840**	**.0005726**
Stddev	.002714	.0045129	.001379	.005358	.002285	.04395	.0039156
%RSD	181.2135	100.4010	74.96583	85.31338	128.7153	.3617866	683.8921
#1	.000793	.0058686	-.003430	-.003979	.000586	12.11170	-.003874
#2	-.004496	.0081613	-.000974	-.002457	-.003975	12.13639	.003504
#3	-.000790	-.000545	-.001115	-.012404	-.001937	12.19710	.002088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002732**	**.0001489**	**11.77369**	**.0027164**	**.0002096**	**.0005239**	**4.764227**
Stddev	.0000547	.0001603	.09178	.0014116	.0005031	.0005888	.014374
%RSD	20.00686	107.7002	.7795240	51.96734	239.9790	112.3854	.3017026
#1	.0003360	.0001257	11.71763	.0019690	.0004562	.0001151	4.775547
#2	.0002358	.0003195	11.72383	.0043446	-.000369	.0011988	4.769079
#3	.0002480	.0000014	11.87960	.0018356	.000542	.0002579	4.748055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000006**	**12.28384**	**.0011726**	**-.000086**	**-.704403**	**-.006485**	**.0010085**
Stddev	.001500	.08750	.0001597	.000875	.107968	.002520	.0007273
%RSD	23516.30	.7123247	13.61614	1013.156	15.32758	38.86319	72.11294
#1	-.001233	12.23670	.0010979	.000211	-.824927	-.008673	.0006794
#2	.001665	12.23002	.0013559	-.001071	-.616527	-.003730	.0018422
#3	-.000451	12.38480	.0010639	.000601	-.671755	-.007051	.0005040

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.494479**	**-.002448**	**.0002029**	**-.002061**	**-.004402**	**-.008445**	**-.000010**
Stddev	.131856	.004123	.0001976	.001007	.003218	.018711	.002696
%RSD	26.66561	168.4180	97.36091	48.85616	73.09108	221.5715	25909.67
#1	-.487862	-.006831	.0002995	-.001442	-.000741	-.002117	.001096
#2	-.629520	.001354	-.000024	-.003222	-.005684	-.029500	-.003083
#3	-.366057	-.001868	.000334	-.001518	-.006781	.006282	.001956

Sample Name: ICSA01DLX20 Acquired: 11/11/2025 13:31:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004739	.0013981	.0003514
Stddev	.007774	.0015655	.0003464
%RSD	164.0476	111.9693	98.57433
#1	-.002965	.0031880	.0005084
#2	.001995	.0002839	-.000046
#3	-.013246	.0007226	.000591

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.464	34297.77	2486.886	3098.861	3663.327
Stddev	6.594	44.07	17.035	8.915	5.075
%RSD	.2772540	.1284892	.6850130	.2877023	.1385293
#1	2384.255	34291.75	2501.791	3089.785	3658.352
#2	2379.849	34257.02	2490.551	3107.606	3668.496
#3	2371.287	34344.54	2468.316	3099.191	3663.134

Sample Name: ICSAB01DLX20 Acquired: 11/11/2025 13:42:54 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051620	.0050199	.0031580	-.005033	.0285158	12.09342	.0270990
Stddev	.0029757	.0054304	.0013808	.002770	.0013048	.03869	.0052070
%RSD	57.64753	108.1760	43.72380	55.03379	4.575785	.3199404	19.21466
#1	.0082612	.0040052	.0021580	-.008071	.0298176	12.05295	.0255826
#2	.0048973	.0108861	.0047335	-.002647	.0285218	12.13004	.0328958
#3	.0023274	.0001685	.0025826	-.004382	.0272080	12.09726	.0228185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257678	.0469109	11.88276	.0289101	.0239293	.0246250	4.838691
Stddev	.0003917	.0002940	.07773	.0003617	.0002123	.0005066	.037648
%RSD	1.520137	.6267510	.6541385	1.251139	.8871089	2.057388	.7780534
#1	.0254059	.0466381	11.84186	.0286646	.0236856	.0249712	4.864160
#2	.0261837	.0468725	11.97240	.0287402	.0240739	.0240435	4.795447
#3	.0257139	.0472223	11.83402	.0293255	.0240285	.0248604	4.856467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228883	12.37373	.0484173	.0087095	-.806721	.0096352	.0514542
Stddev	.0025930	.00429	.0003102	.0017636	.043013	.0056523	.0003951
%RSD	11.32905	.0346303	.6406126	20.24928	5.331886	58.66345	.7678221
#1	.0232674	12.37161	.0481267	.0071927	-.828670	.0102349	.0513744
#2	.0252709	12.37866	.0483813	.0082910	-.834332	.0037069	.0518831
#3	.0201266	12.37091	.0487439	.0106447	-.757161	.0149637	.0511052

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.555710	.0007706	.0009570	-.001938	-.005692	-.038845	-.000303
Stddev	.058727	.0011408	.0004863	.000579	.003852	.012826	.001984
%RSD	10.56797	148.0439	50.81648	29.87081	67.68149	33.01847	655.3513
#1	-.495206	.0020738	.0014237	-.001283	-.006795	-.025234	.001421
#2	-.612483	-.000047	.0009940	-.002151	-.001408	-.050707	.000143
#3	-.559440	.000285	.0004532	-.002380	-.008872	-.040594	-.002472

Sample Name: ICSAB01DLX20 Acquired: 11/11/2025 13:42:54 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005930	-.010851	.0002380
Stddev	.002284	.004671	.0004704
%RSD	38.51885	43.04320	197.6756
#1	-.005749	-.011585	-.000079
#2	-.003743	-.005857	.000779
#3	-.008300	-.015111	.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.832	34169.13	2488.441	3100.721	3675.615
Stddev	5.065	146.31	24.275	23.078	6.808
%RSD	.2125731	.4281878	.9755131	.7442655	.1852199
#1	2387.727	34001.56	2502.236	3085.714	3682.800
#2	2377.612	34271.50	2460.412	3127.295	3669.261
#3	2383.156	34234.33	2502.676	3089.154	3674.783

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCV01 Acquired: 11/11/2025 13:47:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.019719**	**4.913643**	**4.952876**	**4.999249**	**5.018388**	**10.01136**	**9.900487**
Stddev	.012676	.023935	.014679	.012664	.011388	.19716	.199363
%RSD	.2525311	.4871179	.2963815	.2533183	.2269293	1.969341	2.013669
#1	5.005581	4.941270	4.936044	4.985226	5.006387	9.78840	9.674757
#2	5.023504	4.900505	4.963020	5.009852	5.019731	10.08298	9.974235
#3	5.030071	4.899154	4.959565	5.002669	5.029044	10.16269	10.05247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2525195**	**2.488357**	**24.86881**	**1.023559**	**2.501287**	**1.271708**	**5.000778**
Stddev	.0059117	.005885	.47933	.005434	.005114	.004063	.007713
%RSD	2.341101	.2365000	1.927448	.5309087	.2044562	.3194617	.1542445
#1	.2459833	2.481566	24.31836	1.020392	2.495400	1.267053	5.005881
#2	.2540828	2.491963	25.09392	1.020451	2.503837	1.274542	5.004548
#3	.2574925	2.491541	25.19417	1.029834	2.504625	1.273528	4.991905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.473129**	**24.73055**	**2.488916**	**1.263426**	**24.22943**	**2.501990**	**2.552263**
Stddev	.048357	.68173	.005788	.000726	.07907	.062191	.003387
%RSD	1.955287	2.756635	.2325688	.0574269	.3263534	2.485673	.1327104
#1	2.419474	23.97607	2.482238	1.263105	24.23602	2.431140	2.555761
#2	2.486568	24.91328	2.492503	1.262917	24.30500	2.527273	2.552029
#3	2.513344	25.30229	2.492006	1.264257	24.14727	2.547559	2.548998

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.30731**	**5.032141**	**5.099524**	**4.988914**	**4.960174**	**4.941249**	**4.966451**
Stddev	.00486	.117576	.005643	.005697	.109360	.010576	.008451
%RSD	.0200101	2.336504	.1106559	.1142011	2.204755	.2140248	.1701579
#1	24.30561	4.900431	5.093024	4.982404	4.836436	4.944969	4.959478
#2	24.30353	5.069474	5.103167	4.991349	5.000220	4.949463	4.964025
#3	24.31280	5.126518	5.102381	4.992989	5.043866	4.929317	4.975849

Sample Name: CCV01 Acquired: 11/11/2025 13:47:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.887134**	**5.002342**	**4.960649**
Stddev	.015166	.105278	.093083
%RSD	.3103208	2.104573	1.876437
#1	4.883627	4.883864	4.855490
#2	4.874029	5.038011	4.993976
#3	4.903746	5.085152	5.032481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2348.371**	**34227.37**	**2473.323**	**3051.688**	**3473.326**
Stddev	5.798	196.35	49.433	24.641	10.312
%RSD	.2468738	.5736513	1.998652	.8074599	.2968906
#1	2348.194	34084.62	2522.866	3029.950	3476.601
#2	2342.664	34451.28	2473.102	3078.456	3461.774
#3	2354.255	34146.21	2424.001	3046.657	3481.602

Sample Name: CCB01 Acquired: 11/11/2025 13:51:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001406**	**.0051964**	**-.000625**	**-.001743**	**-.002295**	**.0034966**
Stddev	.005112	.0038862	.001402	.003039	.003068	.0271330
%RSD	363.6939	74.78713	224.3039	174.4021	133.6828	775.9877
#1	-.000195	.0008594	.000233	-.002906	-.005667	.0236791
#2	-.007015	.0063669	-.002243	.001706	-.001551	-.027348
#3	.002992	.0083628	.000134	-.004029	.000333	.014159

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020050**	**.0000032**	**.0002083**	**.0207588**	**.0010135**	**.0000309**
Stddev	.0040147	.0001919	.0003045	.0160147	.0011102	.0003877
%RSD	200.2302	5963.082	146.2005	77.14647	109.5451	1256.044
#1	.0045437	.0001781	.0000410	.0376846	.0022223	.0004764
#2	.0040949	-.000202	.0005598	.0058455	.0000394	-.000154
#3	-.002623	.000034	.0000240	.0187462	.0007787	-.000230

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000213**	**-.025624**	**-.001414**	**-.062021**	**.0005456**	**-.001226**
Stddev	.000267	.013512	.000455	.048544	.0005668	.001178
%RSD	125.2576	52.73059	32.20079	78.26949	103.8937	96.05399
#1	-.000470	-.034839	-.000948	-.115156	.0010097	-.001024
#2	-.000233	-.010113	-.001858	-.019993	.0007132	-.000163
#3	.000063	-.031920	-.001438	-.050915	-.000086	-.002493

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.746704**	**-.012761**	**.0008785**	**-.538980**	**.0081966**	**.0011201**
Stddev	.024050	.006617	.0002140	.018083	.0014775	.0004869
%RSD	3.220840	51.84879	24.35480	3.355033	18.02571	43.47331
#1	-.741288	-.011688	.0011147	-.539520	.0097933	.0006383
#2	-.773001	-.019849	.0006977	-.556787	.0068778	.0011099
#3	-.725824	-.006747	.0008231	-.520633	.0079186	.0016120

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCB01 Acquired: 11/11/2025 13:51:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001010**	**.0005966**	**.0102573**	**-.000416**	F **-.013673**	**-.004220**
Stddev	.001374	.0014906	.0471994	.002214	.003048	.002002
%RSD	136.1103	249.8589	460.1559	532.7085	22.29125	47.44790
#1	.000469	.0017727	.0643266	-.002613	-.011944	-.004095
#2	-.002248	.0010970	-.022707	.001814	-.011882	-.006282
#3	-.001251	-.001080	-.010848	-.000448	-.017192	-.002283

Elem	Sr4077
Units	ppm
Avg	**.0005724**
Stddev	.0001454
%RSD	25.40975
#1	.0004050
#2	.0006677
#3	.0006444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2437.667**	**34977.45**	**2532.219**	**3143.756**	**3870.507**
Stddev	7.770	57.23	19.862	14.405	13.741
%RSD	.3187605	.1636320	.7843573	.4582090	.3550236
#1	2446.434	34914.40	2510.641	3129.240	3885.328
#2	2431.630	34991.82	2536.279	3143.982	3858.189
#3	2434.937	35026.13	2549.737	3158.047	3868.005

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: PB170480BL Acquired: 11/11/2025 13:58:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035939	.0030392	-.001113	-.005173	-.000644	.0273646	.0009847
Stddev	.0098391	.0009879	.001612	.003228	.006524	.0332215	.0047756
%RSD	273.7689	32.50542	144.8431	62.41196	1013.530	121.4031	485.0010
#1	-.000870	.0024756	-.000326	-.001532	.003410	.0091400	.0056844
#2	-.003221	.0041799	-.000046	-.006300	.002829	.0072440	-.003863
#3	.014874	.0024621	-.002967	-.007687	-.008170	.0657098	.001133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000991	-.000051	.0555009	-.000398	.0004658	-.000269	-.027711
Stddev	.0001760	.000037	.0127942	.000160	.0004187	.000819	.010213
%RSD	177.6640	72.33728	23.05216	40.17198	89.87591	304.9873	36.85357
#1	-.000079	-.000088	.0447639	-.000215	.0009025	.000455	-.030407
#2	.000103	-.000014	.0520816	-.000513	.0000679	-.000103	-.036306
#3	.000273	-.000051	.0696574	-.000467	.0004270	-.001158	-.016421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	-.025535	-.000172	-.000454	-.907382	-.003992	.0003104
Stddev	.001612	.046029	.000645	.001003	.088380	.018249	.0011730
%RSD	585.2425	180.2575	374.6889	220.9215	9.740066	457.1227	377.8253
#1	-.001711	-.069090	.000071	-.001380	-1.00773	-.024882	.0016608
#2	-.000584	.022621	-.000904	.000611	-.87329	.008843	-.000455
#3	.001468	-.030136	.000316	-.000592	-.84113	.004063	-.000274

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.800914	.0009206	.0007332	-.001115	.0002854	-.020939	-.001298
Stddev	.117830	.0030920	.0002347	.002434	.0037777	.029831	.002224
%RSD	14.71192	335.8558	32.00610	218.2145	1323.898	142.4629	171.3260
#1	-.865297	-.002064	.0006730	-.001163	.0025550	-.050326	-.000024
#2	-.872525	.004110	.0005345	-.003525	.0023766	.009316	-.003866
#3	-.664920	.000716	.0009921	.001342	-.004076	-.021808	-.000004

Sample Name: PB170480BL Acquired: 11/11/2025 13:58:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006734	.0017969	-.000083
Stddev	.008948	.0073593	.000297
%RSD	132.8739	409.5670	357.3561
#1	-.002171	.0102043	-.000420
#2	-.000988	-.001337	.000026
#3	-.017043	-.003477	.000144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.137	33804.96	2494.464	3103.349	3716.062
Stddev	2.694	79.73	7.459	2.954	6.579
%RSD	.1137412	.2358418	.2990285	.0951994	.1770318
#1	2370.199	33713.34	2490.044	3100.610	3722.290
#2	2365.089	33858.58	2503.076	3102.959	3709.181
#3	2369.122	33842.96	2490.271	3106.480	3716.716

Sample Name: PB170480BS Acquired: 11/11/2025 14:02:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7593483**	**1.765446**	**.9062712**	**1.917064**	**.7945830**	**1.982921**
Stddev	.0029308	.054706	.0024249	.010521	.0050958	.024475
%RSD	.3859596	3.098724	.2675662	.5488319	.6413234	1.234268
#1	.7612535	1.727643	.9035018	1.917712	.7950749	2.002234
#2	.7559735	1.828176	.9080138	1.927247	.7892590	1.955396
#3	.7608179	1.740518	.9072978	1.906234	.7994151	1.991133

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1984107**	**.2043451**	**.1844973**	**1.071264**	**.3929825**	**.1906789**
Stddev	.0024410	.0010017	.0003566	.039076	.0017397	.0007881
%RSD	1.230264	.4902105	.1932613	3.647625	.4426909	.4133286
#1	.1970585	.2054694	.1840876	1.102928	.3949582	.1897688
#2	.2012286	.2035476	.1846663	1.083269	.3916799	.1911317
#3	.1969451	.2040182	.1847379	1.027594	.3923095	.1911361

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3044335**	**2.963184**	**.2026650**	**1.994778**	**.4771050**	**.0714172**
Stddev	.0011273	.008270	.0009954	.040805	.0005001	.0004326
%RSD	.3702856	.2790987	.4911531	2.045591	.1048276	.6057138
#1	.3035643	2.972525	.2015641	2.021503	.4773038	.0719142
#2	.3040289	2.956797	.2029293	1.947809	.4765360	.0711256
#3	.3057072	2.960229	.2035015	2.015022	.4774751	.0712118

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.550690**	**.2931730**	**.2048010**	**9.222925**	**.2997366**	**.3958354**
Stddev	.067395	.0065787	.0004316	.084092	.0024796	.0007067
%RSD	2.642212	2.243962	.2107554	.9117662	.8272761	.1785226
#1	2.487265	.2990714	.2049628	9.197981	.3025130	.3950867
#2	2.621454	.2860782	.2051283	9.154127	.2989549	.3964907
#3	2.543351	.2943693	.2043118	9.316666	.2977421	.3959288

Sample Name: PB170480BS Acquired: 11/11/2025 14:02:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6516970	.1946584	.9030402	5.481118	F -.016577	.2017127
Stddev	.0022865	.0046009	.0255261	.019366	.002328	.0025284
%RSD	.3508505	2.363574	2.826681	.3533212	14.04209	1.253458
#1	.6495315	.1896843	.8827161	5.460098	-.013930	.1987940
#2	.6514717	.1987616	.9316895	5.498235	-.017495	.2031147
#3	.6540878	.1955292	.8947152	5.485023	-.018305	.2032296

Elem	Sr4077
Units	ppm
Avg	.1955041
Stddev	.0001420
%RSD	.0726546
#1	.1953475
#2	.1956246
#3	.1955402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.804	35151.98	2474.243	3200.112	3737.582
Stddev	5.378	163.76	6.003	2.704	10.084
%RSD	.2253015	.4658766	.2426298	.0844817	.2698065
#1	2392.225	35292.45	2469.494	3201.618	3743.228
#2	2386.716	34972.10	2472.246	3196.991	3743.578
#3	2381.472	35191.38	2480.991	3201.727	3725.939

Sample Name: Q3592-01 Acquired: 11/11/2025 14:07:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555479	-.002195	.1439038	-.028782	.0159605	173.0868
Stddev	.0059246	.004385	.0025837	.002147	.0028602	.4474
%RSD	10.66568	199.7387	1.795453	7.458892	17.92054	.2584852
#1	.0609188	.002323	.1444171	-.027252	.0191969	172.8574
#2	.0491929	-.002476	.1411019	-.027858	.0137723	173.6023
#3	.0565319	-.006433	.1461923	-.031236	.0149121	172.8006

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.288477	.0115772	.0040846	1523.132	.3595236	.1116107
Stddev	.015429	.0002346	.0000905	17.074	.0004259	.0002466
%RSD	1.197437	2.026495	2.216691	1.120990	.1184629	.2209354
#1	1.291980	.0116075	.0041408	1506.439	.3599998	.1113806
#2	1.301852	.0117952	.0041327	1540.563	.3593919	.1118710
#3	1.271598	.0113289	.0039801	1522.396	.3591791	.1115806

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2193627	304.8162	6.313066	118.6117	.3210384	.0112530
Stddev	.0026299	2.6803	.040212	.4591	.0003281	.0007379
%RSD	1.198879	.8793224	.6369663	.3870526	.1022125	6.557619
#1	.2203233	303.0374	6.305013	118.1074	.3211226	.0119433
#2	.2163875	307.8990	6.356695	119.0053	.3213163	.0104752
#3	.2213771	303.5122	6.277490	118.7224	.3206764	.0113403

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.560706	.2907038	.4962235	18.94098	.4909258	.0039685
Stddev	.048615	.0017087	.0025767	.12283	.0074111	.0007748
%RSD	1.065943	.5877870	.5192610	.6484628	1.509623	19.52354
#1	4.538514	.2902830	.4936985	18.79959	.4849142	.0047869
#2	4.616456	.2925837	.4988490	19.02123	.4992061	.0038723
#3	4.527146	.2892449	.4961230	19.00213	.4886570	.0032463

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3592-01 Acquired: 11/11/2025 14:07:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384332	7.205878	4.244078	6.323712	F 70.42066	.1819443
Stddev	.0014648	.039013	.028049	.030182	.15921	.0062180
%RSD	3.811209	.5414070	.6608975	.4772814	.2260786	3.417506
#1	.0368035	7.194552	4.258224	6.355190	70.42302	.1887947
#2	.0396400	7.249301	4.262237	6.320928	70.57868	.1766571
#3	.0388561	7.173781	4.211773	6.295019	70.26029	.1803813

Elem	Sr4077
Units	ppm
Avg	6.809414
Stddev	.032707
%RSD	.4803228
#1	6.807320
#2	6.777804
#3	6.843118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.221	33824.34	2646.262	3170.588	2913.651
Stddev	2.301	182.58	12.667	24.362	6.961
%RSD	.0946407	.5397952	.4786604	.7683851	.2389014
#1	2429.418	33860.18	2636.188	3179.756	2905.741
#2	2433.813	33626.50	2642.116	3142.971	2916.370
#3	2430.433	33986.35	2660.482	3189.035	2918.842

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3597-01 Acquired: 11/11/2025 14:12:02 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438368	-.003657	.0229967	-.003611	.0007021	14.49806	.0784420
Stddev	.0022160	.005534	.0032272	.004237	.0006028	.02957	.0032256
%RSD	5.055193	151.3019	14.03346	117.3115	85.85496	.2039641	4.112027
#1	.0424565	-.009979	.0264116	-.008468	.0001028	14.46793	.0809552
#2	.0463930	.000309	.0199974	-.000676	.0013083	14.49923	.0795660
#3	.0426610	-.001302	.0225811	-.001690	.0006951	14.52703	.0748049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041908	-.001004	3.133296	.0385866	.0422447	.0350962	117.0884
Stddev	.0001073	.000128	.009674	.0003501	.0004893	.0009473	.4163
%RSD	2.559540	12.71224	.3087419	.9074404	1.158354	2.699138	.3555166
#1	.0042066	-.000971	3.138355	.0383885	.0426490	.0357545	116.6149
#2	.0042893	-.000895	3.122142	.0389909	.0423844	.0340105	117.3967
#3	.0040766	-.001144	3.139391	.0383804	.0417007	.0355236	117.2536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7876231	.9050656	.0211666	.0025506	-.615915	.0607811	.0698997
Stddev	.0090604	.0062669	.0002378	.0008032	.045326	.0178350	.0002918
%RSD	1.150349	.6924227	1.123525	31.48913	7.359153	29.34294	.4173791
#1	.7965617	.9025790	.0209189	.0016733	-.565562	.0706436	.0702338
#2	.7878620	.9004237	.0211878	.0032496	-.628727	.0401931	.0697699
#3	.7784456	.9121942	.0213931	.0027289	-.653456	.0715067	.0696954

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532957	.0868292	.0009980	.0105491	.3320343	8.926928	2.742225
Stddev	.080398	.0013924	.0005870	.0012467	.0039866	.026837	.012146
%RSD	5.244634	1.603578	58.81625	11.81818	1.200668	.3006290	.4429272
#1	1.451933	.0852712	.0004382	.0117913	.3335398	8.899642	2.741088
#2	1.534224	.0879519	.0016089	.0092979	.3350490	8.927851	2.754899
#3	1.612714	.0872646	.0009471	.0105580	.3275142	8.953292	2.730687

Sample Name: Q3597-01 Acquired: 11/11/2025 14:12:02 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4833180	.0094972	-.102965
Stddev	.0023067	.0038999	.000824
%RSD	.4772554	41.06368	.8003977
#1	.4850025	.0136424	-.102043
#2	.4842625	.0089487	-.103629
#3	.4806890	.0059006	-.103222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.193	35608.85	2551.788	3226.664	3764.558
Stddev	8.205	82.88	14.756	7.162	9.460
%RSD	.3305723	.2327529	.5782509	.2219496	.2512856
#1	2474.002	35677.73	2534.754	3218.426	3755.629
#2	2482.162	35631.95	2560.648	3230.158	3763.574
#3	2490.413	35516.87	2559.961	3231.407	3774.472

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3597-04 Acquired: 11/11/2025 14:16:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0708448**	**-.006024**	**.1789850**	**-.007424**	**.0003418**	**8.174643**
Stddev	.0068444	.002502	.0017287	.001943	.0012583	.057216
%RSD	9.661088	41.54066	.9658389	26.16783	368.0872	.6999150
#1	.0723080	-.008873	.1780866	-.005836	.0016994	8.129731
#2	.0633871	-.004180	.1778904	-.006846	.0001117	8.155136
#3	.0768392	-.005020	.1809779	-.009590	-.000785	8.239061

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1361774**	**.0041955**	**-.000773**	**4.378070**	**.0227480**	**.0190802**
Stddev	.0016255	.0002211	.000306	.008254	.0003151	.0004991
%RSD	1.193625	5.270861	39.56954	.1885327	1.385195	2.616071
#1	.1344591	.0040245	-.001091	4.385581	.0225514	.0185243
#2	.1376906	.0044453	-.000480	4.379397	.0231114	.0194900
#3	.1363824	.0041168	-.000749	4.369234	.0225811	.0192263

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0443438**	**129.5765**	**.6265149**	**.5792944**	**.0192769**	**.0025938**
Stddev	.0009759	.9693	.0021675	.0256446	.0004972	.0014963
%RSD	2.200873	.7480170	.3459532	4.426865	2.579286	57.68722
#1	.0452789	130.0051	.6247968	.5689577	.0195913	.0032162
#2	.0444211	128.4668	.6257979	.6084942	.0195358	.0008867
#3	.0433316	130.2576	.6289500	.5604314	.0187037	.0036784

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-1.03826**	**.0559517**	**.0874135**	**-.417484**	**.0712196**	**.0023146**
Stddev	.06605	.0114086	.0004109	.136344	.0040788	.0002350
%RSD	6.361908	20.39003	.4701223	32.65864	5.727065	10.15503
#1	-1.03695	.0445725	.0869942	-.540985	.0726683	.0025768
#2	-.97287	.0673894	.0874308	-.440294	.0666143	.0022445
#3	-1.10495	.0558932	.0878155	-.271173	.0743764	.0021227

Sample Name: Q3597-04 Acquired: 11/11/2025 14:16:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375598	.1590337	3.300630	3.487879	.0652674	.0039368
Stddev	.0012736	.0019610	.097259	.011016	.0047813	.0014432
%RSD	3.390915	1.233080	2.946667	.3158365	7.325700	36.65802
#1	.0363452	.1570587	3.322711	3.479131	.0628125	.0042367
#2	.0388852	.1609804	3.194229	3.500250	.0707775	.0023673
#3	.0374489	.1590621	3.384949	3.484255	.0622123	.0052064

Elem	Sr4077
Units	ppm
Avg	-.100720
Stddev	.000727
%RSD	.7221710
#1	-.101040
#2	-.099888
#3	-.101233

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.485	36577.17	2568.589	3305.973	3819.834
Stddev	3.653	234.58	12.151	39.044	.738
%RSD	.1450503	.6413424	.4730577	1.181008	.0193269
#1	2514.281	36633.80	2582.244	3322.426	3819.358
#2	2520.894	36778.25	2564.557	3334.097	3819.459
#3	2520.278	36319.45	2558.967	3261.395	3820.685

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3597-07 Acquired: 11/11/2025 14:20:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1000754**	**-.009369**	**.0450290**	**-.005179**	**.0061810**	**17.20307**
Stddev	.0070386	.001223	.0022692	.003771	.0034668	.10306
%RSD	7.033298	13.05838	5.039392	72.81905	56.08781	.5991011
#1	.0996285	-.010457	.0432423	-.008919	.0033027	17.12903
#2	.1073269	-.009604	.0475822	-.001377	.0100295	17.15939
#3	.0932710	-.008044	.0442626	-.005242	.0052107	17.32078

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0799040**	**.0092704**	**-.002398**	**7.988501**	**.0804950**	**.0299282**
Stddev	.0012814	.0003185	.000329	.025779	.0003015	.0004698
%RSD	1.603682	3.435837	13.73364	.3227020	.3745633	1.569638
#1	.0813737	.0095698	-.002178	7.977961	.0808357	.0299951
#2	.0793169	.0089357	-.002777	7.969663	.0803867	.0303610
#3	.0790213	.0093057	-.002240	8.017880	.0802627	.0294286

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0777145**	**295.3142**	**.5960142**	**1.376243**	**.0426460**	**.0092967**
Stddev	.0025330	.6106	.0059019	.027769	.0005471	.0003068
%RSD	3.259302	.2067615	.9902321	2.017771	1.282919	3.300161
#1	.0801699	295.1163	.5933662	1.398430	.0424496	.0090334
#2	.0751105	294.8271	.5919000	1.385198	.0432642	.0092230
#3	.0778629	295.9992	.6027763	1.345101	.0422242	.0096336

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-1.08772**	**.0922762**	**.1249870**	**.9516727**	**.1848946**	**.0038738**
Stddev	.08789	.0016156	.0006168	.1752032	.0046721	.0003272
%RSD	8.080344	1.750868	.4935084	18.41003	2.526901	8.446673
#1	-1.12453	.0925899	.1242912	.8130384	.1893805	.0041402
#2	-1.15122	.0905268	.1252027	.8933905	.1852469	.0035086
#3	-.98741	.0937120	.1254669	1.148589	.1800563	.0039726

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3597-07 Acquired: 11/11/2025 14:20:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101634**	**.3070120**	**6.422399**	**7.482860**	**.0715439**	**.0181373**
Stddev	.0001747	.0360567	.096803	.053034	.0035732	.0045451
%RSD	1.718807	11.74440	1.507268	.7087440	4.994473	25.05921
#1	.0103210	.2852925	6.486916	7.535949	.0677829	.0214874
#2	.0101935	.2871100	6.311090	7.429881	.0719549	.0129637
#3	.0099756	.3486335	6.469190	7.482751	.0748938	.0199610

Elem	Sr4077
Units	ppm
Avg	**-.266674**
Stddev	.000200
%RSD	.0750057
#1	-.266853
#2	-.266458
#3	-.266712

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2511.661**	**35981.62**	**2585.169**	**3230.143**	**3741.015**
Stddev	17.214	71.99	7.785	17.816	25.556
%RSD	.6853531	.2000751	.3011428	.5515559	.6831335
#1	2500.090	36044.07	2593.891	3250.699	3725.130
#2	2531.443	35902.88	2582.694	3219.167	3770.495
#3	2503.450	35997.90	2578.922	3220.562	3727.419

Sample Name: Q3597-10 Acquired: 11/11/2025 14:24:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1019002**	**-.004121**	**.0651316**	**-.001980**	**.0031871**	**13.06038**
Stddev	.0011237	.011362	.0009827	.006031	.0030620	.06493
%RSD	1.102779	275.7016	1.508790	304.6868	96.07565	.4971906
#1	.1020334	-.007382	.0662178	-.004660	.0022040	12.99818
#2	.1007158	-.013496	.0643042	-.006206	.0066200	13.05520
#3	.1029514	.008515	.0648728	.004927	.0007373	13.12774

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0750087**	**.0063297**	**-.001808**	**6.402214**	**.1184822**	**.0326618**
Stddev	.0019265	.0000585	.000323	.027943	.0007448	.0005247
%RSD	2.568317	.9241694	17.84524	.4364594	.6285932	1.606366
#1	.0727898	.0063939	-.001550	6.372438	.1179059	.0331782
#2	.0762535	.0063156	-.001704	6.427865	.1182176	.0326780
#3	.0759829	.0062795	-.002170	6.406338	.1193232	.0321292

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0559228**	**194.2781**	**.5113392**	**.9415900**	**.0306876**	**.0059986**
Stddev	.0014760	.8021	.0020765	.0638233	.0008095	.0004213
%RSD	2.639414	.4128739	.4060945	6.778247	2.637745	7.022784
#1	.0576126	193.5709	.5093471	.8685068	.0303482	.0056604
#2	.0552710	194.1137	.5134910	.9699124	.0316115	.0064705
#3	.0548849	195.1497	.5111796	.9863507	.0301030	.0058649

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-1.12985**	**.1225825**	**.1223032**	**.6704543**	**.1401037**	**.0057294**
Stddev	.03591	.0086770	.0003615	.0484574	.0009670	.0006132
%RSD	3.177901	7.078510	.2955584	7.227544	.6902193	10.70209
#1	-1.12833	.1128908	.1226944	.7193668	.1390864	.0055103
#2	-1.16650	.1252278	.1222335	.6224652	.1402137	.0052558
#3	-1.09474	.1296291	.1219816	.6695310	.1410111	.0064220

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3597-10 Acquired: 11/11/2025 14:24:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329714	.2314885	5.782570	4.298766	.0907456	.0170091
Stddev	.0019658	.0056203	.062679	.020562	.0025238	.0069684
%RSD	5.962090	2.427901	1.083923	.4783332	2.781220	40.96878
#1	.0312903	.2375518	5.837187	4.314030	.0918578	.0202523
#2	.0324912	.2304604	5.796386	4.306884	.0925224	.0090102
#3	.0351328	.2264531	5.714136	4.275383	.0878567	.0217647

Elem	Sr4077
Units	ppm
Avg	-.166690
Stddev	.000584
%RSD	.3503917
#1	-.166176
#2	-.166567
#3	-.167325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.282	35883.82	2616.730	3230.647	3758.195
Stddev	8.430	83.48	6.021	5.722	7.859
%RSD	.3387918	.2326372	.2300916	.1771027	.2091037
#1	2491.441	35825.81	2612.382	3228.276	3766.902
#2	2494.677	35979.49	2614.204	3226.492	3756.055
#3	2478.729	35846.15	2623.602	3237.173	3751.628

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3598-01 Acquired: 11/11/2025 14:28:36 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763572	.0023553	.1521408	-.008205	.0048676	182.1584
Stddev	.0104353	.0020727	.0024628	.004708	.0020586	1.1238
%RSD	13.66648	88.00340	1.618773	57.37709	42.29246	.6169157
#1	.0734701	-.000030	.1501982	-.011159	.0058686	183.2272
#2	.0676693	.003382	.1513134	-.010679	.0024999	182.2613
#3	.0879321	.003714	.1549107	-.002776	.0062343	180.9867

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5314280	.0097278	.0034537	472.8977	.1928860	.0631242
Stddev	.0074476	.0001208	.0003019	3.0569	.0010026	.0007693
%RSD	1.401432	1.242023	8.740249	.6464250	.5198017	1.218709
#1	.5358750	.0098481	.0034133	475.5714	.1940422	.0637473
#2	.5355790	.0096064	.0031741	473.5567	.1923603	.0622644
#3	.5228300	.0097290	.0037737	469.5650	.1922556	.0633611

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1731320	168.7598	3.026428	63.28473	.1413837	.0068675
Stddev	.0011399	1.2147	.025107	.45563	.0010579	.0002345
%RSD	.6583855	.7198020	.8295815	.7199715	.7482319	3.414237
#1	.1743016	168.0209	3.043307	63.75779	.1408642	.0067550
#2	.1730702	170.1617	3.038400	63.24761	.1426009	.0071371
#3	.1720243	168.0966	2.997576	62.84880	.1406860	.0067106

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.42288	.1712240	.5054284	9.155217	.2528547	.0061626
Stddev	.25056	.0071953	.0010248	.223091	.0064841	.0009639
%RSD	1.025929	4.202252	.2027549	2.436763	2.564369	15.64023
#1	24.24324	.1630504	.5066075	8.950750	.2469901	.0072425
#2	24.70911	.1766018	.5049254	9.393151	.2598180	.0053894
#3	24.31629	.1740197	.5047524	9.121750	.2517561	.0058560

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3598-01 Acquired: 11/11/2025 14:28:36 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256184	6.327372	6.306516	8.463968	F 10.92823	.0127925
Stddev	.0008118	.038365	.146881	.015878	.05877	.0009412
%RSD	3.168769	.6063312	2.329030	.1875934	.5377568	7.357718
#1	.0257574	6.352863	6.151793	8.450280	10.86072	.0137685
#2	.0263516	6.346003	6.444040	8.460250	10.96790	.0118904
#3	.0247460	6.283249	6.323714	8.481375	10.95607	.0127187

Elem	Sr4077
Units	ppm
Avg	1.205494
Stddev	.008780
%RSD	.7283212
#1	1.212148
#2	1.208791
#3	1.195543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.645	36874.60	2860.247	3433.353	3197.770
Stddev	1.654	73.80	22.331	7.113	3.249
%RSD	.0632252	.2001297	.7807293	.2071621	.1015951
#1	2618.349	36957.17	2834.558	3427.029	3201.379
#2	2615.046	36851.59	2875.012	3441.053	3195.080
#3	2616.539	36815.06	2871.173	3431.977	3196.850

Sample Name: Q3599-01 Acquired: 11/11/2025 14:32:40 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1160787**	**.0004748**	**.2144112**	**-.028573**	**.0190523**	**134.3350**
Stddev	.0051862	.0133545	.0036271	.008716	.0054359	.5299
%RSD	4.467809	2812.434	1.691640	30.50444	28.53151	.3944690
#1	.1139991	-.014881	.2177190	-.036741	.0138949	133.7750
#2	.1219819	.006931	.2105326	-.029582	.0247294	134.4014
#3	.1122550	.009375	.2149819	-.019397	.0185326	134.8285

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6054210**	**.0111461**	**.0083203**	F **2727.767**	**.3031718**	**.2067359**
Stddev	.0008995	.0001273	.0002148	46.627	.0015507	.0007896
%RSD	.1485731	1.142126	2.581328	1.709347	.5114747	.3819393
#1	.6045565	.0110197	.0081631	2676.241	.3045420	.2063843
#2	.6063518	.0111445	.0085650	2767.052	.3014885	.2061831
#3	.6053547	.0112742	.0082327	2740.009	.3034848	.2076402

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5444461**	**363.4666**	**7.562184**	**1650.361**	**.3495401**	**.0096740**
Stddev	.0012212	.8885	.031586	4.872	.0008477	.0007782
%RSD	.2242935	.2444526	.4176785	.2952114	.2425089	8.043792
#1	.5433085	363.7160	7.541661	1645.440	.3488675	.0089245
#2	.5457364	362.4800	7.546335	1650.461	.3492606	.0104779
#3	.5442933	364.2037	7.598556	1655.183	.3504922	.0096195

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.635562**	**.5690325**	**.6378793**	**18.19908**	**2.364513**	**.0014708**
Stddev	.184506	.0069666	.0035509	.22978	.010833	.0003598
%RSD	1.914844	1.224281	.5566699	1.262595	.4581338	24.46254
#1	9.486162	.5742156	.6345870	18.08342	2.364061	.0016629
#2	9.578723	.5611132	.6374089	18.05011	2.353913	.0016937
#3	9.841800	.5717687	.6416419	18.46371	2.375564	.0010557

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3599-01 Acquired: 11/11/2025 14:32:40 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162316	7.245578	F 11.19847	F 11.34726	8.238922	-.154449
Stddev	.0015581	.044389	.02508	.02316	.020602	.002891
%RSD	9.599374	.6126391	.2239183	.2041253	.2500519	1.871846
#1	.0164908	7.194391	11.21452	11.36323	8.252731	-.151694
#2	.0145601	7.268872	11.16958	11.32069	8.215242	-.157459
#3	.0176439	7.273473	11.21132	11.35784	8.248793	-.154194

Elem	Sr4077
Units	ppm
Avg	1.371126
Stddev	.009513
%RSD	.6938423
#1	1.361241
#2	1.371918
#3	1.380219

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.378	33148.14	2718.997	3064.138	2480.372
Stddev	5.995	81.62	17.510	13.326	2.680
%RSD	.2570391	.2462186	.6439791	.4349076	.1080611
#1	2328.733	33222.57	2738.455	3069.636	2480.059
#2	2339.297	33160.99	2714.029	3073.835	2483.195
#3	2329.103	33060.86	2704.509	3048.942	2477.861

Sample Name: Q3600-01 Acquired: 11/11/2025 14:36:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694477	.0023452	.2164255	-.015585	.0220890	129.1357
Stddev	.0063854	.0019413	.0037259	.008273	.0048589	.5941
%RSD	9.194569	82.77645	1.721563	53.08031	21.99689	.4600768
#1	.0743236	.0003525	.2195275	-.006291	.0184395	128.5238
#2	.0717997	.0042306	.2174563	-.018322	.0202233	129.1731
#3	.0622199	.0024526	.2122927	-.022143	.0276043	129.7103

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243459	.0081998	.0033756	1103.154	.7079963	.0914654
Stddev	.005357	.0000625	.0001811	5.309	.0054054	.0002735
%RSD	.4308470	.7620931	5.364974	.4812686	.7634791	.2989939
#1	1.237672	.0081376	.0031897	1097.663	.7018048	.0911761
#2	1.248246	.0082626	.0033858	1103.537	.7104087	.0917197
#3	1.244458	.0081990	.0035514	1108.261	.7117755	.0915003

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4037905	230.9459	2.311990	86.31088	.4569591	.0081720
Stddev	.0010413	1.9806	.012397	.39641	.0011187	.0010140
%RSD	.2578788	.8575935	.5362052	.4592808	.2448087	12.40767
#1	.4026685	232.3380	2.297871	85.90573	.4561677	.0075353
#2	.4047257	231.8212	2.321094	86.32898	.4582389	.0093412
#3	.4039774	228.6785	2.317006	86.69793	.4564707	.0076393

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.799493	.3977943	14.45489	7.238483	.3857310	.0289832
Stddev	.098412	.0141514	.04863	.111048	.0119798	.0013762
%RSD	5.468880	3.557462	.3363937	1.534136	3.105727	4.748208
#1	1.792208	.4082865	14.40521	7.170347	.3984514	.0296663
#2	1.901345	.4033970	14.45708	7.366624	.3840779	.0273991
#3	1.704925	.3816994	14.50239	7.178478	.3746636	.0298841

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3600-01 Acquired: 11/11/2025 14:36:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279920	5.982746	5.420756	5.604928	F 36.36418	-.068531
Stddev	.0030376	.035983	.074776	.024166	.20001	.001082
%RSD	10.85161	.6014490	1.379432	.4311490	.5500181	1.578386
#1	.0262621	5.944381	5.497407	5.590317	36.22138	-.069645
#2	.0314994	6.015745	5.416854	5.632822	36.59278	-.067485
#3	.0262146	5.988111	5.348008	5.591646	36.27839	-.068463

Elem	Sr4077
Units	ppm
Avg	6.238882
Stddev	.024619
%RSD	.3946043
#1	6.211804
#2	6.259915
#3	6.244927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.433	34682.07	2689.002	3213.935	3076.027
Stddev	7.085	96.13	20.431	7.610	9.047
%RSD	.2861049	.2771706	.7597826	.2367880	.2941128
#1	2468.331	34632.13	2711.610	3207.445	3065.835
#2	2481.466	34621.18	2683.533	3212.050	3079.139
#3	2479.503	34792.89	2671.862	3222.311	3083.107

Sample Name: CCV02 Acquired: 11/11/2025 14:40:55 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.979179**	**4.810635**	**4.916163**	**4.986088**	**4.991681**	**10.04521**	**9.881236**
Stddev	.002686	.065326	.007294	.011541	.011881	.06357	.103663
%RSD	.0539515	1.357953	.1483626	.2314681	.2380137	.6328594	1.049090
#1	4.976083	4.874457	4.908357	4.992616	4.988339	10.08310	9.931064
#2	4.980557	4.743902	4.917328	4.972762	4.981830	10.08071	9.950577
#3	4.980896	4.813546	4.922804	4.992885	5.004875	9.97182	9.762068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2541345**	**2.467753**	**25.14173**	**1.002388**	**2.472533**	**1.253857**	**4.956579**
Stddev	.0034596	.006918	.03478	.006733	.006425	.000644	.056082
%RSD	1.361346	.2803219	.1383244	.6716701	.2598588	.0513505	1.131473
#1	.2555578	2.459927	25.16551	1.007420	2.465261	1.253789	4.936118
#2	.2566555	2.470282	25.15787	.994740	2.474898	1.253250	4.913600
#3	.2501903	2.473051	25.10182	1.005004	2.477441	1.254533	5.020019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.480735**	**24.77791**	**2.467815**	**1.246318**	**24.05476**	**2.483077**	**2.509394**
Stddev	.035461	.21995	.006624	.007855	.10640	.024966	.011977
%RSD	1.429439	.8876736	.2684334	.6302873	.4423069	1.005464	.4772995
#1	2.479832	24.87437	2.460269	1.250073	24.17662	2.492432	2.513234
#2	2.516639	24.93314	2.470501	1.237290	23.98033	2.502014	2.495968
#3	2.445734	24.52621	2.472674	1.251591	24.00732	2.454784	2.518980

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.65253**	**5.063527**	**5.001477**	**4.940015**	**4.960136**	**4.926675**	**4.972565**
Stddev	.29868	.061829	.003366	.011810	.047329	.052115	.019072
%RSD	1.262779	1.221066	.0673018	.2390621	.9541883	1.057817	.3835397
#1	23.99644	5.075521	5.005291	4.927165	5.000676	4.975123	4.950559
#2	23.50295	5.118481	4.998919	4.942487	4.971606	4.871539	4.982829
#3	23.45819	4.996580	5.000222	4.950393	4.908126	4.933363	4.984306

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCV02 Acquired: 11/11/2025 14:40:55 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.906705**	**5.028543**	**4.947142**
Stddev	.014241	.052249	.043711
%RSD	.2902309	1.039052	.8835640
#1	4.908749	5.053834	4.976343
#2	4.891553	5.063334	4.968193
#3	4.919814	4.968461	4.896888

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2393.697**	**34562.07**	**2456.943**	**3114.878**	**3520.300**
Stddev	1.855	198.61	26.359	25.513	4.163
%RSD	.0774806	.5746525	1.072834	.8190740	.1182489
#1	2391.646	34404.64	2447.456	3111.067	3525.088
#2	2394.190	34785.21	2436.641	3142.082	3518.271
#3	2395.256	34496.36	2486.733	3091.484	3517.541

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCB02 Acquired: 11/11/2025 14:44:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000607**	**.0060524**	**-.000048**	**-.003451**	**-.001427**	**.0072511**	**.0060094**
Stddev	.002273	.0032025	.001051	.001178	.003227	.0196845	.0020861
%RSD	374.4209	52.91240	2210.361	34.12603	226.1143	271.4704	34.71338
#1	.000921	.0025096	-.000266	-.004049	.001298	.0007729	.0079694
#2	-.003220	.0087414	.001095	-.004209	-.004991	-.008378	.0038167
#3	.000477	.0069063	-.000972	-.002094	-.000589	.029358	.0062421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000689**	**.0002501**	**.1435330**	**.0003043**	**.0005668**	**.0003610**	**-.003095**
Stddev	.0001443	.0001397	.0297149	.0006036	.0002790	.0011915	.027899
%RSD	209.4434	55.85895	20.70252	198.3872	49.23050	330.0219	901.3987
#1	.0001345	.0003466	.1107925	.0006159	.0003436	-.001015	.023345
#2	-.000097	.0003139	.1510138	.0006884	.0004771	.001045	-.000376
#3	.000169	.0000899	.1687926	-.000391	.0008797	.001053	-.032254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004030**	**.0265782**	**.0004977**	**-.001317**	**-.368358**	**-.010650**	**.0008879**
Stddev	.0028485	.0686490	.0003684	.001034	.018850	.004877	.0003807
%RSD	706.8171	258.2902	74.01349	78.55032	5.117377	45.78999	42.87325
#1	-.002709	.1056499	.0004263	-.000135	-.388099	-.008513	.0008508
#2	.001037	-.017798	.0008966	-.002056	-.350547	-.007207	.0012858
#3	.002881	-.008117	.0001703	-.001759	-.366428	-.016230	.0005272

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.349658**	**.0109082**	**.0015551**	**-.000056**	**-.002521**	**.0011791**	**.0019239**
Stddev	.085454	.0023478	.0004685	.000263	.004038	.0089430	.0020645
%RSD	24.43917	21.52311	30.13007	468.0952	160.1917	758.4903	107.3121
#1	-.288399	.0100393	.0018876	.000092	-.005188	.0113914	.0003348
#2	-.313298	.0135666	.0010192	-.000360	-.004499	-.005253	.0011794
#3	-.447279	.0091187	.0017584	.000099	.002125	-.002602	.0042574

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCB02 Acquired: 11/11/2025 14:44:51 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000285	-.003511	.0008623
Stddev	.003779	.003553	.0002966
%RSD	1324.582	101.2075	34.39241
#1	.001226	-.007306	.0011701
#2	-.004586	-.000262	.0008383
#3	.002504	-.002965	.0005784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.968	35596.40	2542.979	3190.186	3865.594
Stddev	54.951	78.26	5.516	3.943	90.069
%RSD	2.256748	.2198505	.2169208	.1236070	2.330018
#1	2471.415	35674.82	2548.679	3186.852	3925.656
#2	2461.726	35518.30	2542.590	3189.169	3909.095
#3	2371.763	35596.08	2537.667	3194.539	3762.032

Sample Name: Q3601-01 Acquired: 11/11/2025 14:49:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1323314**	**-.007996**	**2.782653**	**.0007326**	**.0193601**	**167.3688**
Stddev	.0012904	.005482	.004179	.0062606	.0045102	.5576
%RSD	.9750874	68.55538	.1501650	854.5168	23.29642	.3331333
#1	.1336937	-.010163	2.778133	.0013319	.0187980	166.7307
#2	.1311276	-.012062	2.783452	.0066721	.0241250	167.6135
#3	.1321729	-.001762	2.786375	-.005806	.0151572	167.7621

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.678137**	**.0143331**	**.0120789**	**160.9474**	**.3241395**	**.1936056**
Stddev	.008624	.0001546	.0002909	.3776	.0009102	.0005342
%RSD	.5139235	1.078418	2.407902	.2346241	.2808123	.2759337
#1	1.674884	.0145045	.0117432	160.5282	.3232815	.1930080
#2	1.671612	.0142042	.0122383	161.0529	.3240427	.1940369
#3	1.687914	.0142908	.0122552	161.2610	.3250942	.1937719

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9230536**	**370.8806**	**7.617976**	**67.86409**	**.4088535**	**.0135056**
Stddev	.0017343	.4864	.010523	.08564	.0022655	.0009164
%RSD	.1878916	.1311513	.1381283	.1261919	.5541210	6.785101
#1	.9249972	370.3204	7.612824	67.76523	.4063221	.0124610
#2	.9216639	371.1256	7.611022	67.91555	.4106909	.0138813
#3	.9224996	371.1958	7.630082	67.91149	.4095475	.0141743

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.335661**	**.5305216**	**2.017032**	**18.54348**	**.4020213**	**.0125756**
Stddev	.077266	.0127029	.004406	.11798	.0029845	.0009249
%RSD	3.308115	2.394421	.2184474	.6362230	.7423643	7.354794
#1	2.291933	.5309559	2.021033	18.67193	.4005695	.0124436
#2	2.290175	.5430017	2.012310	18.51854	.4054538	.0135593
#3	2.424875	.5176070	2.017753	18.43996	.4000404	.0117237

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-01 Acquired: 11/11/2025 14:49:10 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1917699	5.362126	F 10.18289	F 10.79905	9.567405	.2450911
Stddev	.0039859	.019381	.08314	.05322	.053219	.0037486
%RSD	2.078486	.3614474	.8164501	.4928230	.5562548	1.529484
#1	.1915809	5.343934	10.14459	10.74492	9.508815	.2469679
#2	.1958469	5.382510	10.12580	10.85131	9.612753	.2407747
#3	.1878818	5.359934	10.27827	10.80091	9.580646	.2475305

Elem	Sr4077
Units	ppm
Avg	.4004051
Stddev	.0013737
%RSD	.3430730
#1	.3993826
#2	.3998663
#3	.4019665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3063.207	42966.07	3259.729	3957.588	3351.262
Stddev	13.261	84.52	8.043	10.016	10.128
%RSD	.4329119	.1967031	.2467503	.2530887	.3022000
#1	3053.176	42882.20	3251.906	3946.557	3347.194
#2	3078.242	43051.22	3267.976	3960.094	3362.791
#3	3058.204	42964.78	3259.304	3966.114	3343.801

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-05 Acquired: 11/11/2025 14:53:12 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1456671**	**-.012686**	**5.877116**	**-.006764**	**.0234066**	**122.6700**	**2.433254**
Stddev	.0076224	.003724	.020073	.006212	.0016179	.7818	.020230
%RSD	5.232743	29.35065	.3415399	91.83249	6.912212	.6373512	.8314047
#1	.1463918	-.008431	5.899564	-.013814	.0216220	123.1685	2.455969
#2	.1377083	-.014283	5.860893	-.004381	.0238204	123.0727	2.426618
#3	.1529013	-.015346	5.870891	-.002097	.0247774	121.7689	2.417176

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0116119**	**.0123208**	**258.3088**	**.3704952**	**.1394062**	**1.166634**	**316.2176**
Stddev	.0001542	.0004580	1.7564	.0008196	.0005644	.001165	2.1369
%RSD	1.328193	3.717518	.6799446	.2212212	.4048322	.0998520	.6757685
#1	.0115466	.0119425	259.8072	.3695711	.1387551	1.165836	317.5700
#2	.0117880	.0128300	258.7431	.3707806	.1397099	1.167971	313.7541
#3	.0115011	.0121897	256.3760	.3711340	.1397538	1.166096	317.3288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.813277**	**80.74818**	**.3680044**	**.0122024**	**4.707037**	**.4989672**	**3.807134**
Stddev	.039137	.64614	.0020207	.0014703	.108302	.0042189	.013732
%RSD	.6732372	.8001973	.5490947	12.04959	2.300844	.8455336	.3606828
#1	5.854473	81.12076	.3684802	.0134845	4.656012	.5019763	3.791650
#2	5.808770	81.12172	.3657883	.0105975	4.633673	.4941448	3.817833
#3	5.776589	80.00208	.3697449	.0125252	4.831426	.5007805	3.811919

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.72105**	**.4872063**	**.0195233**	**.2481254**	**5.602110**	**7.427155**	**7.999910**
Stddev	.15903	.0114572	.0001693	.0015434	.021591	.232928	.021741
%RSD	1.080303	2.351613	.8672322	.6220170	.3854059	3.136166	.2717690
#1	14.85131	.4920669	.0193281	.2475418	5.618921	7.544080	8.018618
#2	14.54382	.4741201	.0196301	.2469590	5.609648	7.158927	7.976058
#3	14.76803	.4954319	.0196118	.2498755	5.577760	7.578460	8.005053

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-05 Acquired: 11/11/2025 14:53:12 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.088439	.1620554	.9144673
Stddev	.031846	.0025737	.0092920
%RSD	.3503994	1.588176	1.016116
#1	9.116944	.1601884	.9240991
#2	9.054068	.1609865	.9137457
#3	9.094305	.1649914	.9055571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.293	39184.75	2995.064	3592.713	3308.719
Stddev	13.618	38.79	31.770	9.831	12.069
%RSD	.4914121	.0989938	1.060729	.2736281	.3647637
#1	2787.009	39157.75	2986.453	3603.548	3321.553
#2	2762.981	39167.29	2968.488	3590.225	3307.003
#3	2763.888	39229.20	3030.252	3584.364	3297.599

Sample Name: Q3601-09 Acquired: 11/11/2025 14:57:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0795700**	**-.018142**	**9.466227**	**-.009477**	**.0902946**	**78.14945**
Stddev	.0026360	.006126	.029140	.002017	.0043103	.36144
%RSD	3.312775	33.76821	.3078305	21.28024	4.773574	.4624963
#1	.0822557	-.019815	9.499154	-.011769	.0871214	78.53946
#2	.0794676	-.023258	9.455762	-.008687	.0952018	77.82578
#3	.0769868	-.011353	9.443765	-.007975	.0885605	78.08311

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.183483**	**.0076518**	**.0281250**	**106.4407**	**.3459158**	**.1803803**
Stddev	.003676	.0000459	.0002527	.3043	.0004833	.0001380
%RSD	.3106149	.6004051	.8984745	.2858587	.1397208	.0765185
#1	1.185444	.0076906	.0284164	106.7645	.3461867	.1802443
#2	1.179243	.0076010	.0279660	106.1607	.3462029	.1805202
#3	1.185763	.0076637	.0279926	106.3968	.3453578	.1803765

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.383770**	**280.4355**	**10.66457**	**45.67271**	**.4234110**	**.0122284**
Stddev	.002657	1.4082	.04908	.37682	.0007000	.0006909
%RSD	.1920197	.5021640	.4602583	.8250459	.1653317	5.649780
#1	1.386829	278.8271	10.71228	46.05435	.4240477	.0121543
#2	1.382444	281.0330	10.61421	45.30090	.4226614	.0129533
#3	1.382037	281.4465	10.66721	45.66290	.4235239	.0115776

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9459235**	**.3224561**	**3.086568**	**19.30213**	**.2689642**	**.0189134**
Stddev	.0084549	.0099867	.003714	.16933	.0105055	.0006582
%RSD	.8938260	3.097067	.1203424	.8772367	3.905907	3.480094
#1	.9443971	.3291128	3.087647	19.11999	.2569271	.0196731
#2	.9550376	.3109730	3.082434	19.45475	.2762851	.0185157
#3	.9383357	.3272825	3.089624	19.33166	.2736804	.0185514

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-09 Acquired: 11/11/2025 14:57:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.275303**	**5.195831**	**4.882355**	F **22.19028**	**7.228257**	**.1019951**
Stddev	.004047	.025847	.083027	.04065	.013114	.0042182
%RSD	.3173205	.4974615	1.700549	.1831961	.1814208	4.135690
#1	1.270641	5.216185	4.795311	22.19692	7.241321	.1045321
#2	1.277358	5.166750	4.891078	22.14672	7.228357	.0971257
#3	1.277910	5.204559	4.960676	22.22720	7.215094	.1043274

Elem	Sr4077
Units	ppm
Avg	**-.012740**
Stddev	.001990
%RSD	15.62369
#1	-.010592
#2	-.014522
#3	-.013105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4019.835**	**57578.68**	**4320.825**	**5309.439**	**3300.743**
Stddev	8.699	139.09	29.998	24.941	5.882
%RSD	.2164002	.2415639	.6942561	.4697397	.1782123
#1	4021.499	57739.08	4287.313	5338.197	3299.014
#2	4027.582	57491.35	4345.169	5296.376	3307.296
#3	4010.424	57505.63	4329.993	5293.743	3295.919

Sample Name: Q3601-13 Acquired: 11/11/2025 15:01:16 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0888846**	**-.012452**	**6.090829**	**-.016032**	**.0125930**	**120.9905**
Stddev	.0019925	.008267	.063982	.005363	.0007313	.9622
%RSD	2.241640	66.39338	1.050473	33.45163	5.807188	.7952543
#1	.0893029	-.011383	6.021005	-.020882	.0125449	119.9859
#2	.0867162	-.004771	6.104831	-.010273	.0118869	121.9037
#3	.0906347	-.021202	6.146651	-.016941	.0133471	121.0819

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.325012**	**.0101304**	**.0114928**	**423.7540**	**.2575576**	**.2045795**
Stddev	.013790	.0004791	.0010196	4.6046	.0112559	.0024171
%RSD	1.040735	4.729396	8.871609	1.086624	4.370244	1.181488
#1	1.318461	.0106456	.0120777	419.3623	.2692888	.2018884
#2	1.340857	.0096982	.0103154	428.5455	.2468465	.2052842
#3	1.315719	.0100473	.0120851	423.3541	.2565374	.2065659

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.008929**	**271.4905**	**4.581348**	**57.37793**	**.4222646**	**.0134323**
Stddev	.009488	11.2160	.055545	.55443	.0049582	.0045193
%RSD	.9403941	4.131250	1.212407	.9662763	1.174183	33.64507
#1	1.013330	259.8589	4.530871	56.78935	.4165395	.0086411
#2	.998040	282.2385	4.640854	57.89033	.4251095	.0176188
#3	1.015418	272.3742	4.572319	57.45412	.4251449	.0140368

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.999039**	**.4416406**	**2.512573**	**11.09931**	**.3105345**	**.0166414**
Stddev	.222600	.0042500	.055374	.54020	.0539698	.0006054
%RSD	4.452852	.9623280	2.203888	4.866926	17.37963	3.637707
#1	4.785224	.4440033	2.565505	10.60521	.2553436	.0173262
#2	5.229490	.4367342	2.455043	11.67607	.3631941	.0164205
#3	4.982403	.4441843	2.517170	11.01665	.3130659	.0161775

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-13 Acquired: 11/11/2025 15:01:16 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4963204	5.579956	7.305839	F 15.35550	8.879137	.1052777
Stddev	.0055900	.086416	.323832	.11017	.191750	.0009128
%RSD	1.126287	1.548680	4.432515	.7174886	2.159558	.8670336
#1	.4898775	5.516041	6.939293	15.22987	8.658041	.1042243
#2	.4992026	5.678275	7.553146	15.40092	8.979413	.1058360
#3	.4998810	5.545553	7.425079	15.43569	8.999957	.1057727

Elem	Sr4077
Units	ppm
Avg	1.776008
Stddev	.012002
%RSD	.6758133
#1	1.770056
#2	1.789823
#3	1.768144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2662.022	33897.50	2489.099	3165.854	3115.245
Stddev	195.074	471.11	105.688	50.738	203.975
%RSD	7.328051	1.389800	4.246030	1.602674	6.547626
#1	2436.860	33605.87	2388.555	3124.826	2879.791
#2	2780.137	34441.00	2599.271	3222.588	3238.124
#3	2769.069	33645.62	2479.469	3150.150	3227.821

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-17 Acquired: 11/11/2025 15:05:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2060493**	**-.029279**	**8.805485**	**.0003551**	**.0323706**	**147.0048**
Stddev	.0044202	.002495	.017985	.0042759	.0012396	.7237
%RSD	2.145224	8.523217	.2042464	1203.996	3.829374	.4922668
#1	.2011355	-.030236	8.787394	-.004488	.0325988	147.5869
#2	.2073107	-.026446	8.805698	.001944	.0334802	146.1945
#3	.2097017	-.031154	8.823362	.003609	.0310327	147.2330

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.562702**	**.0143903**	**.0315503**	**109.1166**	**.4719365**	**.1711754**
Stddev	.035364	.0002392	.0004628	.6904	.0024367	.0002486
%RSD	1.379955	1.662457	1.466761	.6327500	.5163188	.1452247
#1	2.558705	.0142187	.0310482	109.3686	.4741967	.1710217
#2	2.529506	.0142887	.0319597	108.3356	.4693551	.1714622
#3	2.599895	.0146636	.0316431	109.6456	.4722578	.1710423

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.618997**	**380.3987**	**6.284183**	**46.87709**	**.4757567**	**.0210064**
Stddev	.010213	2.5022	.071094	.28591	.0004792	.0005877
%RSD	.3899699	.6577718	1.131318	.6099138	.1007182	2.797800
#1	2.607624	382.1203	6.286334	46.90903	.4757340	.0214385
#2	2.621982	377.5285	6.212038	46.57656	.4762468	.0203371
#3	2.627385	381.5473	6.354177	47.14569	.4752893	.0212436

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.376414**	**.6732708**	**5.730291**	**10.37939**	**.4524827**	**.0341241**
Stddev	.025918	.0032756	.019948	.13496	.0072193	.0009383
%RSD	.3513635	.4865269	.3481137	1.300292	1.595484	2.749560
#1	7.349675	.6770517	5.745119	10.39716	.4594090	.0343530
#2	7.378141	.6714724	5.707612	10.23642	.4450023	.0330926
#3	7.401425	.6712883	5.738141	10.50459	.4530367	.0349268

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-17 Acquired: 11/11/2025 15:05:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2812404	4.902575	7.872629	F 26.21120	8.548134	.2141317
Stddev	.0019593	.039103	.285423	.06205	.067065	.0029838
%RSD	.6966512	.7976017	3.625515	.2367453	.7845586	1.393456
#1	.2822380	4.904845	7.687588	26.15935	8.500677	.2125088
#2	.2825000	4.862386	8.201341	26.19430	8.518866	.2175752
#3	.2789831	4.940493	7.728958	26.27996	8.624858	.2123111

Elem	Sr4077
Units	ppm
Avg	.2517859
Stddev	.0051623
%RSD	2.050267
#1	.2507340
#2	.2472306
#3	.2573931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.718	42300.74	3210.850	3877.080	3405.232
Stddev	.899	344.05	26.815	18.000	5.651
%RSD	.0299947	.8133474	.8351452	.4642763	.1659384
#1	2995.296	41918.07	3194.937	3857.756	3399.381
#2	2995.109	42584.52	3241.810	3893.371	3405.657
#3	2996.750	42399.63	3195.803	3880.114	3410.658

Sample Name: Q3601-17DUP Acquired: 11/11/2025 15:09:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2095745	-.020041	8.949272	.0069178	.0325276	152.4418
Stddev	.0057873	.011138	.030537	.0037748	.0024937	4.5989
%RSD	2.761434	55.57705	.3412278	54.56747	7.666443	3.016833
#1	.2073102	-.015517	8.918822	.0070281	.0304760	149.6243
#2	.2161515	-.032729	8.949101	.0030889	.0318036	149.9524
#3	.2052616	-.011877	8.979896	.0106362	.0353032	157.7488

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.625261	.0148141	.0318924	112.5334	.4815580	.1726394
Stddev	.069113	.0004960	.0002357	3.1681	.0032279	.0004777
%RSD	2.632631	3.347975	.7389916	2.815227	.6702930	.2766822
#1	2.581304	.0149180	.0320649	110.5592	.4852492	.1720883
#2	2.589554	.0142744	.0316238	110.8533	.4801593	.1728957
#3	2.704924	.0152498	.0319884	116.1876	.4792653	.1729343

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.646383	384.7814	6.441609	48.38266	.4805426	.0189282
Stddev	.007017	3.5600	.161154	1.41908	.0021374	.0006620
%RSD	.2651368	.9252043	2.501765	2.933041	.4447786	3.497208
#1	2.639999	382.8627	6.337030	47.31390	.4781301	.0188677
#2	2.645255	388.8892	6.360601	47.84134	.4812980	.0196183
#3	2.653896	382.5924	6.627195	49.99273	.4821996	.0182985

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.645608	.7056260	5.837352	10.53499	.4472074	.0334845
Stddev	.095595	.0219013	.036119	.08459	.0211283	.0008048
%RSD	1.250324	3.103817	.6187594	.8028966	4.724500	2.403346
#1	7.621491	.6965785	5.873921	10.49127	.4434278	.0335485
#2	7.750951	.6896979	5.836435	10.63249	.4699705	.0342553
#3	7.564380	.7306015	5.801700	10.48122	.4282240	.0326496

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-17DUP Acquired: 11/11/2025 15:09:22 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2843216	5.061672	8.059287	F 26.53213	8.716135	.2196247
Stddev	.0006051	.140764	.024609	.08820	.040662	.0115157
%RSD	.2128329	2.780985	.3053520	.3324330	.4665126	5.243352
#1	.2840076	4.979129	8.045773	26.43426	8.687246	.2165236
#2	.2839380	4.981680	8.087692	26.55668	8.762634	.2099770
#3	.2850192	5.224205	8.044396	26.60546	8.698525	.2323733

Elem	Sr4077
Units	ppm
Avg	.2624745
Stddev	.0186174
%RSD	7.093046
#1	.2547938
#2	.2489262
#3	.2837035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.604	41609.99	3123.755	3843.520	3383.302
Stddev	9.814	421.16	65.925	38.538	9.133
%RSD	.3282726	1.012161	2.110450	1.002673	.2699379
#1	2986.878	41302.04	3140.417	3817.528	3377.953
#2	2981.441	41438.00	3179.750	3825.235	3378.105
#3	3000.493	42089.92	3051.097	3887.797	3393.847

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-17LX5 Acquired: 11/11/2025 15:13:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0470963**	**-.000970**	**1.711885**	**-.002673**	**.0044260**	**34.74701**	**.5941193**
Stddev	.0028012	.002801	.005056	.005604	.0018784	1.20705	.0268063
%RSD	5.947841	288.7865	.2953448	209.6703	42.44003	3.473820	4.511940
#1	.0446739	.002016	1.706361	-.002263	.0034069	33.83458	.5768904
#2	.0501638	-.003538	1.716282	-.008471	.0065937	36.11568	.6250037
#3	.0464514	-.001388	1.713013	.002715	.0032773	34.29077	.5804637

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034667**	**.0049543**	**25.96193**	**.1116292**	**.0322370**	**.6409733**	**87.98094**
Stddev	.0001816	.0000726	.95700	.0004201	.0003469	.0018794	.45254
%RSD	5.238226	1.465780	3.686156	.3763101	1.076202	.2932067	.5143592
#1	.0034419	.0048997	25.25227	.1111742	.0320300	.6389027	87.48149
#2	.0036594	.0049265	27.05034	.1117112	.0326375	.6414460	88.36371
#3	.0032988	.0050367	25.58319	.1120022	.0320435	.6425712	88.09762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.478050**	**11.28032**	**.0912415**	**.0029654**	**.8883744**	**.1564657**	**1.359833**
Stddev	.057425	.40213	.0006935	.0007249	.0435991	.0124399	.006164
%RSD	3.885176	3.564905	.7601089	24.44473	4.907734	7.950575	.4532635
#1	1.433832	10.96077	.0904466	.0024814	.8455713	.1612871	1.366902
#2	1.542951	11.73186	.0917231	.0037988	.9327281	.1657733	1.357014
#3	1.457366	11.14835	.0915549	.0026160	.8868238	.1423368	1.355583

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.716112**	**.0995577**	**.0080749**	**.0497387**	**1.137978**	**1.923064**	**5.001313**
Stddev	.139701	.0024571	.0007344	.0011377	.034697	.070308	.026970
%RSD	8.140548	2.467988	9.095203	2.287280	3.049039	3.656066	.5392581
#1	1.637936	.1009809	.0081341	.0494084	1.110829	1.873711	4.981610
#2	1.877399	.0967205	.0073127	.0510049	1.177069	2.003566	4.990279
#3	1.633001	.1009716	.0087780	.0488027	1.126036	1.891915	5.032051

Sample Name: Q3601-17LX5 Acquired: 11/11/2025 15:13:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.609223	.0350004	.0600785
Stddev	.016358	.0037906	.0047410
%RSD	1.016509	10.83008	7.891386
#1	1.590611	.0342089	.0567091
#2	1.615741	.0391242	.0654999
#3	1.621316	.0316680	.0580266

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.057	35967.57	2666.565	3274.775	3615.951
Stddev	6.008	176.65	82.158	11.986	10.258
%RSD	.2374581	.4911413	3.081027	.3660128	.2836749
#1	2525.145	36094.26	2732.030	3281.381	3609.706
#2	2528.270	36042.67	2574.371	3282.004	3610.359
#3	2536.755	35765.78	2693.295	3260.939	3627.790

Sample Name: Q3601-17MS Acquired: 11/11/2025 15:17:30 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8239190**	**1.820107**	**8.490746**	**1.537446**	**.2730910**	**153.0564**
Stddev	.0047193	.023038	.012929	.005237	.0054539	.3025
%RSD	.5727916	1.265769	.1522710	.3406141	1.997091	.1976431
#1	.8186117	1.797021	8.478357	1.532018	.2671135	153.3998
#2	.8276433	1.820203	8.489728	1.537850	.2777965	152.9397
#3	.8255020	1.843098	8.504154	1.542469	.2743629	152.8296

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.532174**	**.1790697**	**.2259469**	**98.72934**	**.7816858**	**.3680242**
Stddev	.006879	.0010156	.0003688	.29572	.0025284	.0006867
%RSD	.2716798	.5671434	.1632306	.2995280	.3234558	.1865976
#1	2.534715	.1802027	.2263561	99.06949	.7811554	.3673830
#2	2.524385	.1782411	.2256402	98.53325	.7794646	.3679409
#3	2.537421	.1787653	.2258444	98.58530	.7844373	.3687488

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.608919**	**380.6590**	**6.584773**	**47.14814**	**.9783279**	**.0794812**
Stddev	.003490	1.9670	.027656	.13755	.0006979	.0010964
%RSD	.1337698	.5167314	.4199950	.2917335	.0713342	1.379462
#1	2.605618	378.7302	6.609011	47.30686	.9777833	.0803106
#2	2.608570	380.5846	6.554648	47.07394	.9780858	.0782381
#3	2.612571	382.6621	6.590662	47.06364	.9791146	.0798948

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.852074**	**.9631305**	**5.386383**	**18.70928**	**.6150098**	**.3442453**
Stddev	.038430	.0112410	.025074	.21016	.0143591	.0011305
%RSD	.3900671	1.167136	.4655069	1.123308	2.334773	.3284117
#1	9.810323	.9610010	5.359398	18.47486	.5998814	.3433420
#2	9.859929	.9752840	5.408962	18.88085	.6166975	.3438806
#3	9.885969	.9531065	5.390789	18.77213	.6284504	.3455131

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-17MS Acquired: 11/11/2025 15:17:30 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9237286	5.016368	8.638019	F 28.12351	6.186780	.3890939
Stddev	.0009204	.008813	.017470	.04556	.031774	.0020822
%RSD	.0996349	.1756768	.2022490	.1619846	.5135843	.5351540
#1	.9229034	5.020687	8.656702	28.15625	6.151318	.3866914
#2	.9235612	5.006229	8.622087	28.07148	6.196362	.3902123
#3	.9247212	5.022188	8.635269	28.14279	6.212661	.3903780

Elem	Sr4077
Units	ppm
Avg	.3288886
Stddev	.0035285
%RSD	1.072855
#1	.3329372
#2	.3264682
#3	.3272603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.263	40269.83	3081.556	3727.739	3323.607
Stddev	11.393	47.42	21.715	13.239	12.743
%RSD	.3951514	.1177651	.7046695	.3551606	.3834083
#1	2885.991	40244.72	3056.950	3742.577	3326.407
#2	2893.045	40240.25	3089.685	3717.133	3334.718
#3	2870.754	40324.53	3098.034	3723.506	3309.698

Sample Name: Q3601-17MSD Acquired: 11/11/2025 15:21:29 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8623101**	**1.865430**	**8.685280**	**1.513019**	**.2671874**	**157.8823**
Stddev	.0008324	.064032	.023076	.005523	.0034151	1.2555
%RSD	.0965299	3.432566	.2656852	.3650104	1.278157	.7952023
#1	.8622666	1.796057	8.684819	1.506946	.2684561	158.5255
#2	.8615003	1.922267	8.662439	1.514371	.2697865	156.4355
#3	.8631634	1.877965	8.708583	1.517740	.2633195	158.6858

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.628371**	**.1785746**	**.2252885**	**112.0013**	**.7576189**	**.3637550**
Stddev	.016366	.0024370	.0005767	.7172	.0014552	.0006529
%RSD	.6226524	1.364673	.2559858	.6403065	.1920713	.1794815
#1	2.634859	.1811116	.2256637	111.8506	.7572655	.3632984
#2	2.609756	.1762518	.2246245	111.3714	.7563729	.3634639
#3	2.640498	.1783604	.2255775	112.7818	.7592182	.3645028

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.696631**	**331.2111**	**6.093246**	**54.77361**	**.9410047**	**.0775409**
Stddev	.003820	1.8122	.040808	.34676	.0023448	.0004548
%RSD	.1416649	.5471536	.6697171	.6330777	.2491797	.5865476
#1	2.693518	329.7395	6.136165	54.63889	.9426680	.0780313
#2	2.695481	333.2353	6.054943	54.51443	.9383229	.0774584
#3	2.700894	330.6585	6.088629	55.16752	.9420233	.0771330

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.23595**	**.8719674**	**5.536604**	**18.95673**	**.6128043**	**.3516392**
Stddev	.11040	.0152903	.007712	.37980	.0101645	.0006216
%RSD	1.078508	1.753537	.1392923	2.003526	1.658690	.1767567
#1	10.10978	.8875269	5.545199	18.58579	.6024164	.3509577
#2	10.28330	.8569613	5.530288	19.34482	.6227296	.3521750
#3	10.31478	.8714141	5.534324	18.93959	.6132669	.3517847

Sample Name: Q3601-17MSD Acquired: 11/11/2025 15:21:29 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9618604	5.078223	8.732278	F 29.12317	6.429278	.3833474
Stddev	.0055488	.031074	.308148	.07785	.012703	.0040116
%RSD	.5768788	.6119164	3.528844	.2673238	.1975867	1.046462
#1	.9571924	5.097072	8.378071	29.05906	6.419250	.3865887
#2	.9603935	5.042357	8.938675	29.10065	6.443563	.3845926
#3	.9679952	5.095240	8.880090	29.20980	6.425021	.3788609

Elem	Sr4077
Units	ppm
Avg	.3973070
Stddev	.0061681
%RSD	1.552474
#1	.4019320
#2	.3903038
#3	.3996850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2930.107	41258.51	3149.382	3807.972	3359.992
Stddev	4.570	224.87	28.229	16.813	8.524
%RSD	.1559729	.5450193	.8963498	.4415293	.2537013
#1	2932.798	41473.43	3121.759	3825.977	3358.661
#2	2932.692	41024.87	3178.181	3792.679	3369.104
#3	2924.830	41277.23	3148.206	3805.262	3352.212

Sample Name: Q3601-17A Acquired: 11/11/2025 15:25:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8133122**	**1.865647**	**9.584606**	**1.480109**	**.6407742**	**148.9565**
Stddev	.0042838	.017540	.019422	.005778	.0050359	1.8719
%RSD	.5267039	.9401316	.2026393	.3903950	.7859065	1.256686
#1	.8107317	1.845408	9.563366	1.475998	.6465018	150.0226
#2	.8182571	1.875134	9.588990	1.486716	.6387799	146.7950
#3	.8109478	1.876400	9.601461	1.477614	.6370408	150.0518

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.731204**	**.1721106**	**.2206398**	**109.4237**	**.7726818**	**.3637671**
Stddev	.039866	.0030120	.0009745	1.3123	.0027885	.0006550
%RSD	1.459632	1.750029	.4416507	1.199312	.3608837	.1800565
#1	2.747791	.1731868	.2195187	110.2013	.7724144	.3630284
#2	2.685723	.1687084	.2212840	107.9086	.7700367	.3642768
#3	2.760098	.1744367	.2211166	110.1614	.7755944	.3639962

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.803406**	**372.5192**	**6.483901**	**48.18220**	**.9502657**	**.0769225**
Stddev	.008645	2.1559	.068144	.53033	.0030139	.0012079
%RSD	.3083795	.5787347	1.050973	1.100672	.3171640	1.570271
#1	2.795928	374.6670	6.512501	48.51322	.9470121	.0779575
#2	2.812872	372.5352	6.406117	47.57052	.9508226	.0772147
#3	2.801418	370.3553	6.533084	48.46285	.9529623	.0755954

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.763014**	**.9112774**	**5.763856**	**18.13526**	**.6545612**	**.3487314**
Stddev	.060116	.0041866	.010046	.12066	.0100168	.0009325
%RSD	.6157569	.4594241	.1742885	.6653530	1.530309	.2673966
#1	9.781928	.9138214	5.752368	18.24927	.6624754	.3478803
#2	9.811398	.9064454	5.768211	18.00889	.6579089	.3485858
#3	9.695715	.9135654	5.770990	18.14763	.6432993	.3497281

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-17A Acquired: 11/11/2025 15:25:28 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9641876**	**5.084416**	**8.456451**	F **31.39824**	**8.317500**	**.3892802**
Stddev	.0055026	.081483	.206370	.09064	.032990	.0057380
%RSD	.5706979	1.602605	2.440385	.2886804	.3966341	1.474005
#1	.9580659	5.112322	8.658855	31.29358	8.282657	.3943480
#2	.9687222	4.992647	8.464166	31.45121	8.321586	.3830500
#3	.9657747	5.148281	8.246332	31.44993	8.348256	.3904426

Elem	Sr4077
Units	ppm
Avg	**.4159338**
Stddev	.0118168
%RSD	2.841023
#1	.4196330
#2	.4027100
#3	.4254584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2952.566**	**42236.61**	**3117.312**	**3874.119**	**3368.258**
Stddev	5.307	100.42	41.561	27.001	8.545
%RSD	.1797314	.2377528	1.333231	.6969501	.2536845
#1	2958.153	42352.43	3122.984	3905.288	3375.050
#2	2951.950	42173.86	3155.745	3859.185	3371.061
#3	2947.594	42183.55	3073.206	3857.885	3358.664

Sample Name: CCV03 Acquired: 11/11/2025 15:29:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.974552**	**4.738740**	**4.878174**	**4.961135**	**4.993390**	**10.00620**	**10.12523**
Stddev	.014849	.021900	.006788	.020239	.014770	.01047	.07344
%RSD	.2984983	.4621528	.1391444	.4079470	.2957924	.1046455	.7253617
#1	4.961593	4.735239	4.870398	4.938676	4.978206	10.01324	10.08143
#2	4.990755	4.762180	4.882916	4.966768	4.994255	9.99417	10.21002
#3	4.971309	4.718801	4.881207	4.977960	5.007709	10.01120	10.08423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2526773**	**2.451874**	**24.97759**	**.9997449**	**2.467530**	**1.255213**	**5.155629**
Stddev	.0001244	.005648	.08278	.0054803	.001727	.003647	.068099
%RSD	.0492216	.2303438	.3314112	.5481690	.0699736	.2905209	1.320872
#1	.2526009	2.445414	24.95968	.9935298	2.466038	1.251160	5.108523
#2	.2526101	2.454332	25.06786	1.003884	2.469421	1.256251	5.233710
#3	.2528208	2.455877	24.90523	1.001821	2.467130	1.258228	5.124656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.520175**	**24.61303**	**2.458230**	**1.259011**	**24.29862**	**2.492440**	**2.521188**
Stddev	.025047	.05502	.003363	.004280	.34858	.023335	.014986
%RSD	.9938668	.2235233	.1368249	.3399822	1.434547	.9362135	.5943928
#1	2.502931	24.60687	2.454346	1.257043	24.00683	2.467617	2.506848
#2	2.548906	24.56135	2.460203	1.263922	24.68462	2.513926	2.519970
#3	2.508689	24.67087	2.460140	1.256068	24.20443	2.495778	2.536745

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.13612**	**5.065562**	**4.978293**	**4.943205**	**5.013787**	**4.950776**	**5.020530**
Stddev	.33702	.011518	.010438	.006127	.038107	.017663	.026121
%RSD	1.396312	.2273687	.2096651	.1239562	.7600416	.3567705	.5202740
#1	23.80498	5.057288	4.966251	4.936701	4.975477	4.948417	4.991353
#2	24.47872	5.060683	4.984757	4.948869	5.051687	4.969500	5.041736
#3	24.12466	5.078716	4.983870	4.944046	5.014197	4.934411	5.028502

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCV03 Acquired: 11/11/2025 15:29:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.899548**	**5.037056**	**5.049304**
Stddev	.031014	.027887	.035127
%RSD	.6330008	.5536467	.6956798
#1	4.869970	5.024111	5.031224
#2	4.931822	5.069064	5.089788
#3	4.896853	5.017994	5.026900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2378.383**	**34304.93**	**2464.890**	**3137.330**	**3491.243**
Stddev	4.312	190.56	3.180	11.681	5.021
%RSD	.1812917	.5554928	.1290115	.3723279	.1438268
#1	2378.413	34504.79	2465.779	3147.000	3485.913
#2	2382.680	34125.28	2461.360	3124.351	3495.885
#3	2374.057	34284.74	2467.530	3140.637	3491.931

Sample Name: CCB03 Acquired: 11/11/2025 15:33:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004822**	**.0009481**	**.0024378**	**-.009390**	**-.002387**	**.0239883**
Stddev	.001576	.0039851	.0005055	.001176	.004051	.0240741
%RSD	32.68794	420.3143	20.73644	12.52748	169.6788	100.3576
#1	-.004718	.0004123	.0021312	-.009315	.002210	.0199654
#2	-.006447	.0051740	.0021610	-.010601	-.005432	.0021791
#3	-.003300	-.002742	.0030213	-.008252	-.003939	.0498205

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011554**	**-.000016**	**.0002186**	**.0675863**	**.0007603**	**.0000321**
Stddev	.0019328	.000145	.0000570	.0441018	.0006036	.0000552
%RSD	167.2884	904.0140	26.10032	65.25265	79.38439	171.9320
#1	.0033829	-.000078	.0002691	.1106176	.0000968	-.000005
#2	.0001609	.000150	.0001567	.0696546	.0012767	.000096
#3	-.000078	-.000120	.0002299	.0224867	.0009074	.000006

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000050**	**.0327642**	**.0021840**	**-.013628**	**.0007645**	**-.000640**
Stddev	.000244	.0220516	.0006191	.076592	.0003916	.001184
%RSD	491.7558	67.30379	28.34601	562.0359	51.22952	184.8713
#1	-.000240	.0081488	.0027481	.054421	.0008621	-.001427
#2	-.000135	.0507139	.0015217	.001271	.0003333	.000721
#3	.000226	.0394299	.0022822	-.096575	.0010980	-.001216

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.547354**	**-.008657**	**.0017028**	**-.224875**	**.0100920**	**.0013184**
Stddev	.041488	.002432	.0000578	.112984	.0003677	.0004754
%RSD	7.579667	28.09076	3.394614	50.24307	3.643057	36.05946
#1	-.593831	-.008528	.0017360	-.227406	.0101524	.0016551
#2	-.534173	-.011151	.0017362	-.336573	.0104258	.0015255
#3	-.514058	-.006293	.0016360	-.110647	.0096980	.0007746

Sample Name: CCB03 Acquired: 11/11/2025 15:33:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000947	-.003318	-.001532	.0013514	F -.014801	-.008460
Stddev	.000931	.003948	.009598	.0013042	.003332	.005999
%RSD	98.32182	118.9779	626.6935	96.50740	22.51553	70.91103
#1	-.000471	-.000508	.002320	-.000022	-.013185	-.001616
#2	-.002019	-.001615	.005543	.001503	-.018633	-.012809
#3	-.000350	-.007832	-.012457	.002573	-.012585	-.010955

Elem	Sr4077
Units	ppm
Avg	.0012109
Stddev	.0003790
%RSD	31.30082
#1	.0008772
#2	.0016230
#3	.0011324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.787	35899.89	2496.087	3186.711	3999.716
Stddev	11.423	138.26	16.828	9.224	19.076
%RSD	.4613859	.3851367	.6741836	.2894549	.4769409
#1	2474.764	35872.78	2480.353	3191.673	3997.479
#2	2487.687	35777.19	2494.078	3176.068	4019.812
#3	2464.909	36049.70	2513.829	3192.392	3981.857

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3552-02DLX10 Acquired: 11/11/2025 15:37:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005497**	**.0106723**	**.0037747**	**-.005991**	**-.003063**	**.0213863**	**.0897432**
Stddev	.005203	.0048103	.0001612	.003281	.003098	.0267222	.0024675
%RSD	94.64654	45.07235	4.270071	54.76513	101.1569	124.9503	2.749537
#1	-.002510	.0051187	.0039223	-.008333	-.003825	.0136493	.0887006
#2	-.002477	.0133669	.0036027	-.002241	.000345	-.000614	.0925609
#3	-.011505	.0135313	.0037991	-.007399	-.005710	.051123	.0879681

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003346**	**-.000986**	**190.9967**	**-.004849**	**.0013236**	**.0005748**	**80.95089**
Stddev	.0002203	.000131	.6270	.000607	.0002726	.0006916	.62831
%RSD	65.83141	13.24498	.3282852	12.51545	20.59758	120.3179	.7761625
#1	.0002284	-.001136	191.3220	-.005177	.0015500	.0003953	81.64295
#2	.0001876	-.000923	190.2738	-.004149	.0010210	.0013384	80.41628
#3	.0005879	-.000898	191.3942	-.005222	.0013997	-.000009	80.79344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.223646**	**71.17147**	**.0031606**	**.0025001**	**668.1137**	**-.017684**	**.0019893**
Stddev	.021389	.20220	.0008647	.0017922	6.0808	.014397	.0003951
%RSD	.4094632	.2841000	27.35878	71.68469	.9101420	81.41068	19.86067
#1	5.236809	71.33857	.0025591	.0033110	674.1225	-.028627	.0020668
#2	5.198966	70.94670	.0027711	.0037435	661.9634	-.001375	.0015612
#3	5.235162	71.22913	.0041515	.0004458	668.2552	-.023051	.0023399

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.39857**	**.1123216**	**.0004161**	**-.005614**	**-.005598**	**.0746904**	**.0064430**
Stddev	.23291	.0033214	.0010260	.000873	.005259	.0442780	.0031052
%RSD	1.617608	2.957032	246.5734	15.55783	93.94458	59.28200	48.19567
#1	14.46011	.1161522	.0005024	-.006489	-.008207	.0235837	.0031197
#2	14.14107	.1105686	-.000650	-.005609	.000455	.1015143	.0092706
#3	14.59454	.1102440	.001396	-.004742	-.009041	.0989733	.0069387

Sample Name: Q3552-02DLX10 Acquired: 11/11/2025 15:37:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5531851	-.019256	3.337459
Stddev	.0184172	.000844	.019625
%RSD	3.329302	4.383930	.5880268
#1	.5341963	-.018578	3.351885
#2	.5709718	-.020202	3.315111
#3	.5543871	-.018989	3.345382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.276	31258.89	2422.734	2883.599	3131.624
Stddev	5.897	97.71	6.623	7.177	13.104
%RSD	.2583741	.3125879	.2733717	.2489007	.4184375
#1	2276.733	31179.59	2427.264	2880.248	3122.105
#2	2288.473	31229.04	2415.133	2878.711	3146.569
#3	2281.624	31368.05	2425.805	2891.839	3126.198

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3599-01DLX10 Acquired: 11/11/2025 15:41:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072871	.0121029	.0197830	-.005392	-.001615	15.91885	.0734941
Stddev	.0075155	.0016236	.0021688	.004160	.004078	.02757	.0045049
%RSD	103.1345	13.41455	10.96309	77.15630	252.5217	.1731847	6.129583
#1	.0065920	.0133657	.0211542	-.009110	.000841	15.93409	.0753164
#2	.0001433	.0126715	.0209123	-.006165	-.006322	15.93543	.0683635
#3	.0151261	.0102715	.0172826	-.000899	.000636	15.88702	.0768023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013954	-.000057	349.2956	.0391200	.0202818	.0748512	42.65036
Stddev	.0000770	.000370	1.2332	.0002810	.0000971	.0006459	.21096
%RSD	5.517531	645.7836	.3530511	.7184137	.4785487	.8628387	.4946377
#1	.0013196	.000256	350.6334	.0393997	.0202646	.0755494	42.64703
#2	.0014736	-.000466	349.0491	.0388377	.0203863	.0747294	42.86297
#3	.0013930	.000038	348.2043	.0391226	.0201945	.0742750	42.44108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9481143	207.6242	.0359877	-.001469	.5671522	.0714204	.0767266
Stddev	.0088742	.7395	.0002756	.000345	.0576618	.0050594	.0002684
%RSD	.9359881	.3561531	.7657424	23.51954	10.16690	7.083973	.3498499
#1	.9579137	208.3646	.0357776	-.001783	.5009263	.0662191	.0766121
#2	.9458091	206.8857	.0358858	-.001099	.6062217	.0763249	.0770333
#3	.9406201	207.6224	.0362997	-.001525	.5943085	.0717173	.0765344

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.582788	.2986347	.0009512	-.006453	.8800865	.9699274	1.023026
Stddev	.103833	.0014701	.0007262	.000689	.0131215	.0763895	.002539
%RSD	6.560105	.4922592	76.35065	10.67018	1.490936	7.875798	.2481990
#1	1.521738	.2991017	.0001856	-.007248	.8936851	.8961082	1.025168
#2	1.523950	.2969879	.0010377	-.006049	.8790736	1.048651	1.020221
#3	1.702677	.2998146	.0016303	-.006062	.8675008	.965023	1.023689

Sample Name: Q3599-01DLX10 Acquired: 11/11/2025 15:41:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7556845	-.033285	.1646474
Stddev	.0028843	.001181	.0016032
%RSD	.3816854	3.548741	.9736874
#1	.7556449	-.032541	.1664292
#2	.7528201	-.034647	.1641913
#3	.7585884	-.032667	.1633217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.954	34246.16	2592.485	3082.505	3313.177
Stddev	4.378	70.92	4.543	5.135	11.424
%RSD	.1839515	.2070915	.1752221	.1665991	.3448067
#1	2378.891	34319.40	2588.396	3081.517	3306.781
#2	2384.765	34177.81	2597.374	3077.934	3326.366
#3	2376.204	34241.25	2591.683	3088.062	3306.383

Sample Name: PB170488BL Acquired: 11/11/2025 16:05:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001835**	**.0030891**	**-.000148**	**-.006192**	**-.002480**	**.0122748**
Stddev	.002818	.0021261	.001608	.004455	.003254	.0099685
%RSD	153.5461	68.82681	1089.498	71.94452	131.2367	81.21147
#1	.000785	.0055294	.000604	-.010920	.001268	.0236076
#2	-.001474	.0021021	.000948	-.002073	-.004114	.0048628
#3	-.004817	.0016359	-.001994	-.005584	-.004593	.0083540

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040020**	**-.000051**	**.0000205**	**.0589089**	**.0002346**	**.0001079**
Stddev	.0018225	.000064	.0001785	.0279205	.0004457	.0000291
%RSD	45.54022	125.8701	870.0128	47.39613	189.9538	26.95734
#1	.0059945	.000022	-.000007	.0291863	.0004049	.0001128
#2	.0035922	-.000078	-.000143	.0629546	.0005700	.0001342
#3	.0024193	-.000097	.000211	.0845860	-.000271	.0000766

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000326**	**-.012271**	**-.000590**	**.0303548**	**.0003549**	**-.000991**
Stddev	.000276	.009255	.001883	.0606289	.0008765	.000993
%RSD	84.83048	75.41720	318.9997	199.7341	246.9676	100.1559
#1	-.000625	-.011382	.000012	-.028856	.0013352	-.000134
#2	-.000080	-.003493	-.002701	.092309	-.000353	-.000760
#3	-.000273	-.021939	.000918	.027611	.000083	-.002079

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.642411**	**-.012488**	**.0006821**	**-.240625**	**-.002657**	**.0008922**
Stddev	.169735	.010808	.0007626	.204765	.002066	.0007515
%RSD	26.42148	86.54705	111.7964	85.09721	77.76749	84.22379
#1	-.835952	-.004487	.0008439	-.159273	-.002277	.0013682
#2	-.572401	-.024783	.0013509	-.473565	-.000807	.0000259
#3	-.518880	-.008194	-.000148	-.089038	-.004887	.0012826

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: PB170488BL Acquired: 11/11/2025 16:05:24 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000706	.0001486	-.010566	-.002152	F -.010128	F -.010811
Stddev	.002712	.0010504	.034680	.001049	.006048	.000874
%RSD	384.1491	706.7870	328.2323	48.71447	59.71571	8.085551
#1	-.003837	.0010010	.026160	-.002719	-.015627	-.011820
#2	.000815	.0004697	-.042755	-.000942	-.003650	-.010284
#3	.000904	-.001025	-.015103	-.002796	-.011108	-.010329

Elem	Sr4077
Units	ppm
Avg	.0001980
Stddev	.0001421
%RSD	71.75495
#1	.0003247
#2	.0002248
#3	.0000444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.296	35885.24	2545.826	3182.842	4014.188
Stddev	28.982	119.06	40.109	8.451	42.117
%RSD	1.162870	.3317914	1.575469	.2655049	1.049192
#1	2480.740	35819.52	2524.536	3183.377	3997.831
#2	2470.874	36022.68	2520.851	3191.012	3982.703
#3	2525.273	35813.53	2592.091	3174.137	4062.029

Sample Name: PB170488BS Acquired: 11/11/2025 16:09:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7691151**	**1.799848**	**.9178504**	**1.934202**	**.7943971**	**2.006089**
Stddev	.0019679	.021956	.0037357	.009087	.0040597	.023991
%RSD	.2558650	1.219905	.4070025	.4697842	.5110448	1.195894
#1	.7681818	1.788473	.9157717	1.928033	.7988419	1.978736
#2	.7713760	1.785914	.9156165	1.929936	.7908848	2.015972
#3	.7677876	1.825159	.9221631	1.944637	.7934645	2.023560

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2013889**	**.2085900**	**.1867437**	**1.113466**	**.4036842**	**.1928264**
Stddev	.0031630	.0002975	.0008489	.028983	.0020200	.0006142
%RSD	1.570575	.1426325	.4545792	2.602917	.5003832	.3185337
#1	.2001425	.2084571	.1867441	1.081005	.4047920	.1932562
#2	.2049852	.2083821	.1858945	1.136746	.4049079	.1921229
#3	.1990390	.2089308	.1875923	1.122648	.4013527	.1931001

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3080703**	**2.971667**	**.2035822**	**2.005466**	**.4808568**	**.0717071**
Stddev	.0009767	.027450	.0011371	.006983	.0015516	.0007245
%RSD	.3170424	.9237295	.5585361	.3481982	.3226644	1.010379
#1	.3076302	2.985831	.2038958	1.999427	.4812909	.0724908
#2	.3073912	2.989143	.2045296	2.013113	.4791344	.0710617
#3	.3091897	2.940028	.2023212	2.003859	.4821450	.0715689

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.464642**	**.2956856**	**.2094720**	**9.137529**	**.3036694**	**.4035662**
Stddev	.047179	.0042442	.0007351	.108431	.0008289	.0007946
%RSD	1.914251	1.435359	.3509310	1.186659	.2729724	.1969002
#1	2.418757	.2952659	.2101276	9.033126	.3045174	.4030202
#2	2.462150	.3001240	.2096112	9.129878	.3036299	.4032007
#3	2.513018	.2916668	.2086773	9.249583	.3028609	.4044779

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: PB170488BS Acquired: 11/11/2025 16:09:42 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6575821	.1927871	.8803418	5.396369	F -.014374	.2028303
Stddev	.0029832	.0061804	.0359529	.019366	.005405	.0039986
%RSD	.4536597	3.205840	4.083972	.3588648	37.60137	1.971410
#1	.6592674	.1912862	.9089500	5.402990	-.019252	.2073030
#2	.6541377	.1995798	.8399841	5.374561	-.015308	.1996013
#3	.6593413	.1874953	.8920913	5.411556	-.008563	.2015866

Elem	Sr4077
Units	ppm
Avg	.1961337
Stddev	.0005924
%RSD	.3020434
#1	.1955687
#2	.1967502
#3	.1960823

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.752	36132.31	2526.313	3223.988	3912.641
Stddev	5.012	83.10	4.332	6.822	5.299
%RSD	.2021125	.2299896	.1714851	.2115901	.1354291
#1	2481.222	36115.02	2530.333	3220.042	3907.864
#2	2474.169	36059.21	2521.725	3220.058	3911.718
#3	2483.864	36222.69	2526.883	3231.865	3918.340

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: PB170462TB Acquired: 11/11/2025 16:13:45 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003011**	**.0086260**	**.0003323**	**-.004013**	**-.000254**	**.0181179**	**.0033130**
Stddev	.005736	.0085547	.0016781	.007874	.004127	.0127137	.0020604
%RSD	190.4859	99.17307	504.9974	196.2301	1627.926	70.17215	62.19170
#1	.001280	-.001080	-.000364	-.006753	.003623	.0197555	.0017991
#2	-.000788	.011889	.002246	-.010150	.000208	.0299334	.0056595
#3	-.009525	.015069	-.000885	.004865	-.004592	.0046647	.0024805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000017**	**-.000037**	**.0535531**	**.0011721**	**.0000628**	**.0002710**	**.0000056**
Stddev	.000037	.000080	.0268813	.0004550	.0001836	.0006697	.0065567
%RSD	210.7410	218.4785	50.19561	38.82364	292.2752	247.1410	117445.9
#1	.000015	-.000043	.0471446	.0007346	.0000832	.0002583	-.004854
#2	-.000009	-.000114	.0830595	.0011386	.0002353	-.000392	.007463
#3	-.000057	.000047	.0304552	.0016429	-.000130	.000947	-.002592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007393**	**.0289880**	**.0009988**	**-.000569**	**377.1884**	**-.000062**	**.0005266**
Stddev	.0015474	.0606891	.0003770	.000660	1.1974	.003859	.0003184
%RSD	209.2936	209.3592	37.74620	116.0461	.3174451	6257.622	60.45425
#1	.0005740	.0508524	.0012113	.000185	376.3671	.000902	.0001726
#2	.0023628	.0757154	.0012215	-.001046	378.5622	.003224	.0007895
#3	-.000719	-.039604	.0005635	-.000846	376.6358	-.004311	.0006178

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.385393**	**-.001882**	**.0006519**	**-.001870**	**-.004714**	**-.031557**	**-.003350**
Stddev	.184344	.001767	.0006522	.000734	.000278	.007887	.001405
%RSD	47.83287	93.90386	100.0346	39.27428	5.902528	24.99248	41.94009
#1	-.598209	-.000499	.0011891	-.002634	-.004405	-.040507	-.001735
#2	-.275133	-.003873	-.000074	-.001807	-.004944	-.028541	-.004023
#3	-.282837	-.001274	.000840	-.001169	-.004794	-.025624	-.004291

Sample Name: PB170462TB Acquired: 11/11/2025 16:13:45 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097455	-.005151	-.000335
Stddev	.0031013	.003460	.000345
%RSD	31.82266	67.18023	102.8406
#1	.0061737	-.008676	-.000226
#2	.0113084	-.001759	-.000721
#3	.0117544	-.005018	-.000058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.155	33136.75	2545.453	3069.252	3371.044
Stddev	9.812	51.74	7.944	11.773	15.211
%RSD	.4139711	.1561455	.3121056	.3835853	.4512390
#1	2381.444	33081.52	2553.770	3061.702	3388.562
#2	2365.344	33144.62	2544.646	3082.818	3361.175
#3	2363.677	33184.10	2537.942	3063.236	3363.394

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3496-06 Acquired: 11/11/2025 16:18:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004763**	**.0062445**	**.0009768**	**-.003281**	**-.000621**	**.0952732**	**.2656502**
Stddev	.004503	.0043254	.0025677	.003959	.001917	.0239759	.0014926
%RSD	94.54870	69.26662	262.8809	120.6374	308.5229	25.16539	.5618574
#1	-.007589	.0087641	-.001242	-.001100	-.001664	.0796907	.2667312
#2	-.007129	.0012501	.003789	-.000894	.001591	.0832471	.2662722
#3	.000430	.0087194	.000383	-.007851	-.001792	.1228820	.2639473

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001864**	**-.000043**	**3.980440**	**.0089316**	**.0269788**	**.0023259**	**.1765471**
Stddev	.0000512	.000119	.031521	.0005188	.0002457	.0002077	.0120258
%RSD	27.43966	276.1230	.7919093	5.808547	.9106996	8.928152	6.811672
#1	.0001404	.000065	4.016225	.0092785	.0268599	.0025121	.1728984
#2	.0001773	-.000025	3.968308	.0091812	.0268151	.0023637	.1899747
#3	.0002415	-.000170	3.956787	.0083352	.0272613	.0021019	.1667683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9773021**	**1.476988**	**.0109233**	**-.000814**	**289.8192**	**-.004469**	**.2548014**
Stddev	.0047574	.039564	.0000915	.000905	2.6060	.014377	.0034011
%RSD	.4867939	2.678664	.8374335	111.1489	.8991879	321.7094	1.334805
#1	.9783068	1.432289	.0108217	-.001819	290.5182	.007336	.2522567
#2	.9721226	1.491163	.0109491	-.000561	286.9349	-.000262	.2534833
#3	.9814770	1.507511	.0109991	-.000063	292.0044	-.020481	.2586643

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5118093**	**.1291603**	**.0007729**	**-.006259**	**-.000204**	**3.346121**	**.0054386**
Stddev	.0877724	.0014808	.0003930	.000229	.005059	.065440	.0016350
%RSD	17.14944	1.146503	50.84795	3.651184	2482.828	1.955693	30.06184
#1	.4931773	.1283782	.0007737	-.006268	.004185	3.414106	.0037428
#2	.4348489	.1282345	.0011655	-.006026	-.005737	3.283564	.0055679
#3	.6074018	.1308682	.0003795	-.006483	.000941	3.340692	.0070051

Sample Name: Q3496-06 Acquired: 11/11/2025 16:18:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**1.631582**	**-.004089**	**.0348441**
Stddev	.013645	.005581	.0003705
%RSD	.8363105	136.4905	1.063287
#1	1.617663	-.008213	.0352448
#2	1.644935	.002262	.0345140
#3	1.632150	-.006317	.0347734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2451.302**	**34760.49**	**2570.984**	**3199.408**	**3498.836**
Stddev	5.114	121.65	6.715	14.461	5.785
%RSD	.2086173	.3499632	.2611818	.4519800	.1653381
#1	2456.703	34658.10	2565.349	3182.711	3505.491
#2	2446.535	34894.96	2569.190	3207.951	3496.005
#3	2450.666	34728.40	2578.414	3207.561	3495.012

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3577-04 Acquired: 11/11/2025 16:22:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022505	.0119700	.0134079	-.001949	-.001570	.0709266	.3134606
Stddev	.0051523	.0014593	.0013118	.002415	.001770	.0392925	.0030222
%RSD	228.9417	12.19131	9.783567	123.8877	112.7506	55.39874	.9641381
#1	.0031397	.0105909	.0141567	-.001442	-.003078	.0303624	.3101258
#2	-.003289	.0118210	.0118932	.000172	.000378	.0736075	.3160185
#3	.006900	.0134981	.0141738	-.004578	-.002009	.1088101	.3142374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	.0003174	12.17286	.0012329	.0007906	.0083556	.0733334
Stddev	.000041	.0001992	.02166	.0004676	.0002220	.0006253	.0214203
%RSD	60.01511	62.74794	.1779415	37.92647	28.08279	7.483569	29.20947
#1	-.000035	.0004037	12.19562	.0010824	.0010243	.0090627	.0661631
#2	-.000114	.0000896	12.15250	.0017571	.0007651	.0078754	.0564181
#3	-.000056	.0004589	12.17045	.0008590	.0005825	.0081289	.0974191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1573887	1.317460	.0015700	-.002243	342.6253	.0000294	.0932459
Stddev	.0022733	.016404	.0002750	.000457	1.7804	.0182016	.0011216
%RSD	1.444371	1.245135	17.51336	20.35386	.5196479	61949.50	1.202847
#1	.1584654	1.312702	.0018552	-.002708	343.6728	.0117691	.0924697
#2	.1547771	1.335717	.0013065	-.001796	343.6335	-.020938	.0945319
#3	.1589236	1.303960	.0015484	-.002226	340.5695	.009257	.0927362

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818336	.0449294	.0011805	-.008209	-.003528	1.183102	.0252926
Stddev	.1905290	.0008387	.0009556	.001454	.002676	.019508	.0025419
%RSD	49.89843	1.866656	80.94431	17.71140	75.86638	1.648851	10.04990
#1	.2703759	.0440516	.0022838	-.007783	-.001745	1.205350	.0274069
#2	.6018311	.0450141	.0006466	-.009829	-.002233	1.168925	.0224724
#3	.2732939	.0457225	.0006113	-.007016	-.006606	1.175032	.0259986

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3577-04 Acquired: 11/11/2025 16:22:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2436168	-.016236	.0873299
Stddev	.0064048	.005757	.0008195
%RSD	2.629053	35.46024	.9383368
#1	.2366071	-.010995	.0882708
#2	.2450796	-.022398	.0867725
#3	.2491637	-.015314	.0869464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.657	33766.84	2503.633	3132.864	3439.606
Stddev	4.320	186.76	22.308	10.522	10.378
%RSD	.1808744	.5530914	.8910083	.3358479	.3017176
#1	2386.541	33603.53	2477.961	3128.149	3430.631
#2	2393.628	33726.52	2518.295	3125.524	3450.970
#3	2385.802	33970.47	2514.643	3144.918	3437.217

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3581-02 Acquired: 11/11/2025 16:26:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040763	.0051449	.0097989	.0014223	-.001783	.2326992	.3155187
Stddev	.0030917	.0042141	.0017323	.0076534	.002897	.0260516	.0061901
%RSD	75.84574	81.90776	17.67816	538.0988	162.5201	11.19540	1.961889
#1	.0018478	.0011555	.0088497	-.005481	-.005071	.2028412	.3092561
#2	.0076060	.0095526	.0117983	.000095	-.000669	.2508002	.3216337
#3	.0027752	.0047267	.0087487	.009652	.000392	.2444563	.3156662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002937	.0005095	9.711171	.0038631	.0035252	.0121468	.7038388
Stddev	.0001652	.0000808	.026490	.0007827	.0001895	.0006556	.0332132
%RSD	56.24836	15.86275	.2727808	20.26066	5.374859	5.397433	4.718858
#1	.0004065	.0006023	9.680583	.0029745	.0034523	.0117347	.7155583
#2	.0001041	.0004544	9.726310	.0041646	.0033830	.0118029	.7296035
#3	.0003705	.0004720	9.726620	.0044502	.0037403	.0129028	.6663547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2200637	6.054290	.0125062	-.001243	287.4848	-.004753	.2003346
Stddev	.0003750	.039618	.0004922	.000521	.2286	.010358	.0011430
%RSD	.1704301	.6543743	3.936035	41.90662	.0795338	217.9344	.5705652
#1	.2204777	6.087952	.0121546	-.001196	287.6918	.001486	.2006311
#2	.2199669	6.010632	.0122951	-.001787	287.2394	-.016710	.2013002
#3	.2197465	6.064287	.0130687	-.000748	287.5234	.000965	.1990726

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.259432	.0543930	.0003972	-.004925	.0068526	1.370003	.0652027
Stddev	.195313	.0004239	.0003655	.000434	.0029378	.022391	.0022487
%RSD	75.28480	.7792553	92.00466	8.810362	42.87050	1.634359	3.448801
#1	-.468229	.0547268	.0001049	-.005059	.0102313	1.395668	.0626123
#2	-.228857	.0539161	.0002799	-.004440	.0049008	1.354465	.0663418
#3	-.081210	.0545361	.0008070	-.005276	.0054258	1.359875	.0666539

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3581-02 Acquired: 11/11/2025 16:26:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**.4914218**	**-.014716**	**.0798240**
Stddev	.0078804	.007185	.0004303
%RSD	1.603599	48.82411	.5389972
#1	.4939645	-.022562	.0793449
#2	.4825840	-.008457	.0799498
#3	.4977170	-.013130	.0801774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2408.389**	**34809.64**	**2570.924**	**3186.969**	**3496.191**
Stddev	48.697	143.03	13.134	13.566	73.414
%RSD	2.021973	.4109045	.5108569	.4256726	2.099817
#1	2439.926	34794.35	2585.437	3185.355	3542.630
#2	2432.937	34674.86	2559.856	3174.282	3534.389
#3	2352.303	34959.70	2567.479	3201.270	3411.554

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3581-04 Acquired: 11/11/2025 16:30:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002857**	**.0040221**	**.0188071**	**-.004313**	**-.001469**	**.1395341**	**.3356002**
Stddev	.005356	.0037890	.0016918	.002364	.001547	.0216519	.0047367
%RSD	187.4751	94.20539	8.995746	54.81661	105.3118	15.51729	1.411410
#1	-.001174	.0021491	.0183357	-.006616	-.000977	.1310907	.3307213
#2	-.008853	.0015343	.0174009	-.004431	-.000228	.1641356	.3358989
#3	.001455	.0083828	.0206846	-.001892	-.003203	.1233760	.3401805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000644**	**.0004732**	**13.12373**	**.0027179**	**.0017151**	**.0178589**	**.1157063**
Stddev	.0001210	.0000272	.11551	.0003865	.0001663	.0002761	.0285861
%RSD	187.8255	5.741824	.8801983	14.22108	9.698728	1.546105	24.70577
#1	-.000071	.0004765	13.15949	.0031482	.0017415	.0175502	.1115619
#2	.000162	.0004985	12.99456	.0024002	.0018667	.0180823	.0894185
#3	.000103	.0004445	13.21713	.0026053	.0015372	.0179443	.1461384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7590287**	**3.437893**	**.0116698**	**-.000789**	**288.2830**	**-.002220**	**.1249310**
Stddev	.0063878	.055258	.0005646	.001227	2.7810	.003821	.0004215
%RSD	.8415726	1.607319	4.838019	155.5016	.9646925	172.1040	.3373790
#1	.7551504	3.381282	.0111045	.000355	290.5872	-.000127	.1251959
#2	.7555344	3.440707	.0116713	-.002084	285.1939	-.006630	.1251520
#3	.7664014	3.491691	.0122337	-.000637	289.0681	.000097	.1244449

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.750616**	**.0412199**	**.0009399**	**-.006303**	**-.002635**	**1.455475**	**.0254529**
Stddev	.133339	.0008315	.0002527	.002101	.002964	.036623	.0052938
%RSD	17.76398	2.017241	26.88475	33.33067	112.4808	2.516238	20.79852
#1	-.632621	.0421435	.0007771	-.008552	-.005868	1.473854	.0195718
#2	-.723955	.0409852	.0008116	-.005965	-.000044	1.413302	.0298372
#3	-.895271	.0405310	.0012310	-.004392	-.001994	1.479269	.0269498

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3581-04 Acquired: 11/11/2025 16:30:47 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3674189	-.010245	.0684077
Stddev	.0010747	.004876	.0008393
%RSD	.2925017	47.58892	1.226958
#1	.3666895	-.015538	.0686183
#2	.3686531	-.009261	.0674831
#3	.3669142	-.005936	.0691217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.290	34564.75	2535.299	3131.575	3537.906
Stddev	5.860	243.25	12.271	26.794	6.155
%RSD	.2426035	.7037660	.4840176	.8555986	.1739746
#1	2408.599	34291.21	2537.841	3103.708	3531.275
#2	2417.764	34756.78	2546.100	3157.149	3539.004
#3	2419.507	34646.26	2521.956	3133.868	3543.438

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3581-06 Acquired: 11/11/2025 16:35:01 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000368**	**-.000147**	**.0253604**	**-.001726**	**.0009057**	**.0250695**	**.1499433**
Stddev	.003820	.001092	.0034700	.006055	.0021514	.0213783	.0034822
%RSD	1037.040	744.2131	13.68266	350.9155	237.5365	85.27599	2.322325
#1	.001339	.000085	.0255328	-.005729	.0019025	.0219279	.1529526
#2	-.004744	-.001336	.0287410	-.004688	.0023779	.0478448	.1507481
#3	.002300	.000811	.0218074	.005241	-.001563	.0054359	.1461292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000137**	**.0010094**	**10.23983**	**.0015750**	**.0001928**	**.0102723**	**.0502271**
Stddev	.000013	.0002785	.07622	.0007820	.0003269	.0010708	.0083847
%RSD	9.712029	27.58725	.7442991	49.64981	169.5125	10.42444	16.69353
#1	-.000124	.0009148	10.31693	.0008755	.0004446	.0110687	.0588181
#2	-.000137	.0013229	10.23805	.0014303	-.000177	.0090550	.0497981
#3	-.000150	.0007906	10.16453	.0024193	.000311	.0106932	.0420652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1282381**	**1.251867**	**.0025076**	**-.000675**	**310.3823**	**.0052886**	**.1489737**
Stddev	.0007086	.024521	.0001323	.002231	2.0296	.0128082	.0010163
%RSD	.5525879	1.958721	5.275799	330.3687	.6539189	242.1864	.6821782
#1	.1289162	1.268106	.0024113	.001384	310.2412	.0086820	.1482310
#2	.1282957	1.223660	.0026585	-.003046	312.4788	-.008875	.1485582
#3	.1275025	1.263834	.0024532	-.000364	308.4269	.016058	.1501319

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.259407**	**.0125238**	**.0011226**	**-.007363**	**-.002780**	**.7717915**	**.0255554**
Stddev	.082458	.0009283	.0003793	.001531	.003484	.0754135	.0054340
%RSD	31.78724	7.412212	33.79011	20.79361	125.2953	9.771228	21.26354
#1	-.343467	.0118035	.0008107	-.006659	-.001127	.7145380	.0198091
#2	-.178650	.0135714	.0010123	-.009120	-.000431	.8572401	.0306110
#3	-.256104	.0121965	.0015449	-.006311	-.006783	.7435964	.0262461

Sample Name: Q3581-06 Acquired: 11/11/2025 16:35:01 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1382901	-.012406	.0475529
Stddev	.0067441	.002868	.0002463
%RSD	4.876802	23.11669	.5178564
#1	.1453806	-.009889	.0478357
#2	.1375338	-.015528	.0474372
#3	.1319561	-.011800	.0473857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.778	33449.90	2453.291	3042.215	3437.376
Stddev	10.384	142.19	29.058	31.078	13.375
%RSD	.4404276	.4250707	1.184435	1.021544	.3890941
#1	2345.885	33488.34	2440.122	3065.343	3422.018
#2	2365.044	33568.91	2486.602	3054.413	3446.468
#3	2362.406	33292.44	2433.150	3006.889	3443.641

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCV04 Acquired: 11/11/2025 16:39:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	**5.129946**	**5.091102**	**4.984199**	**5.109568**	**5.137281**	**10.30584**	**10.39123**
Stddev	.007908	.156189	.017490	.012131	.004976	.03925	.03806
%RSD	.1541621	3.067891	.3509187	.2374170	.0968561	.3808086	.3662880
#1	5.121155	5.206723	4.964328	5.105399	5.133034	10.33574	10.42124
#2	5.132198	5.153161	4.991009	5.123234	5.142756	10.26140	10.40405
#3	5.136484	4.913421	4.997261	5.100071	5.136052	10.32039	10.34842

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2614301**	**2.508781**	**25.63271**	**1.034794**	**2.524400**	**1.285726**	**5.241020**
Stddev	.0019738	.007332	.05735	.008068	.005456	.000879	.030509
%RSD	.7549947	.2922452	.2237201	.7796766	.2161217	.0683503	.5821164
#1	.2633680	2.500330	25.61478	1.043862	2.518413	1.284717	5.205851
#2	.2615001	2.512560	25.58647	1.032108	2.525699	1.286321	5.260370
#3	.2594223	2.513452	25.69688	1.028411	2.529090	1.286141	5.256839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.576322**	**25.37486**	**2.511702**	**1.313518**	**26.21053**	**2.564835**	**2.638765**
Stddev	.006087	.15420	.002848	.010321	.14329	.017419	.009244
%RSD	.2362804	.6077067	.1134062	.7857597	.5466772	.6791379	.3503179
#1	2.573978	25.52816	2.508443	1.325333	26.34312	2.582365	2.649429
#2	2.583233	25.21976	2.512946	1.308964	26.05853	2.564609	2.633027
#3	2.571755	25.37666	2.513716	1.306258	26.22995	2.547530	2.633839

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.38689**	**5.205568**	**5.107823**	**5.072908**	**5.159606**	**5.139817**	**5.179460**
Stddev	.18392	.036286	.011000	.006130	.008120	.085753	.017532
%RSD	.7244837	.6970675	.2153506	.1208440	.1573754	1.668408	.3384962
#1	25.32800	5.239715	5.119759	5.072486	5.167346	5.045013	5.185250
#2	25.23962	5.209525	5.105615	5.079239	5.160319	5.162467	5.193365
#3	25.59304	5.167466	5.098095	5.067000	5.151153	5.211972	5.159765

Sample Name: CCV04 Acquired: 11/11/2025 16:39:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.032042	5.236052	5.165642
Stddev	.038707	.010382	.013345
%RSD	.7692154	.1982789	.2583406
#1	5.019499	5.238745	5.177800
#2	5.075465	5.244822	5.167763
#3	5.001161	5.224589	5.151364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.909	33536.13	2442.678	3045.347	3456.121
Stddev	8.710	291.33	16.997	26.478	8.831
%RSD	.3700206	.8687003	.6958504	.8694548	.2555321
#1	2343.904	33299.55	2425.561	3029.007	3447.177
#2	2359.805	33861.53	2459.553	3075.896	3464.835
#3	2358.017	33447.30	2442.920	3031.138	3456.351

Sample Name: CCB04 Acquired: 11/11/2025 16:43:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002335**	**.0053095**	**-.001290**	**-.006880**	**.0008616**	**.0380031**
Stddev	.006429	.0029593	.000603	.004621	.0015670	.0237653
%RSD	275.3389	55.73665	46.77590	67.17053	181.8759	62.53527
#1	-.005617	.0069077	-.001603	-.001819	-.000627	.0309008
#2	-.006461	.0071261	-.001672	-.007947	.002497	.0185986
#3	.005073	.0018947	-.000594	-.010875	.000714	.0645098

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022822**	**-.000013**	**.0001370**	**.0602579**	**.0005240**	**.0004477**
Stddev	.0032099	.000131	.0001260	.0097576	.0004853	.0002795
%RSD	140.6487	991.7579	91.93030	16.19307	92.61406	62.43016
#1	.0017320	.000134	.0002631	.0490205	.0001215	.0007643
#2	.0057316	-.000119	.0001368	.0665840	.0010629	.0002354
#3	-.000617	-.000054	.0000112	.0651694	.0003877	.0003433

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004392**	**-.013620**	**.0004391**	**.0240703**	**.0003417**	**-.000958**
Stddev	.0006359	.045209	.0016664	.0191904	.0001201	.000251
%RSD	144.7840	331.9267	379.4804	79.72626	35.15434	26.17427
#1	.0007017	-.017484	.0006100	.0064619	.0003774	-.000676
#2	.0009018	.033397	.0020135	.0212243	.0004399	-.001157
#3	-.000286	-.056774	-.001306	.0445248	.0002078	-.001041

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.232214**	**-.002986**	**.0001125**	**.1135737**	**.0074862**	**.0009401**
Stddev	.079925	.004309	.0007914	.2498053	.0013417	.0003510
%RSD	34.41859	144.2892	703.2080	219.9501	17.92233	37.33405
#1	-.318520	.000790	-.000597	-.173483	.0089060	.0012442
#2	-.217371	-.007680	.000966	.232577	.0062393	.0010199
#3	-.160751	-.002069	-.000031	.281627	.0073133	.0005560

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCB04 Acquired: 11/11/2025 16:43:14 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001083**	**-.005015**	**-.020541**	**-.001215**	F **-.010750**	F **-.014480**
Stddev	.001349	.003572	.065975	.000264	.004413	.002298
%RSD	124.4835	71.23188	321.1857	21.72816	41.05510	15.86821
#1	-.001320	-.001216	-.092447	-.001519	-.006325	-.016855
#2	.000368	-.008306	.037203	-.001085	-.015152	-.012268
#3	-.002298	-.005523	-.006380	-.001041	-.010773	-.014316

Elem	Sr4077
Units	ppm
Avg	**-.000070**
Stddev	.000466
%RSD	666.3891
#1	.000255
#2	-.000604
#3	.000139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2418.860**	**34234.93**	**2558.528**	**3093.779**	**3809.741**
Stddev	.223	95.76	5.923	17.708	2.907
%RSD	.0092277	.2797118	.2315120	.5723615	.0763087
#1	2419.110	34323.97	2559.939	3113.278	3808.066
#2	2418.679	34133.63	2552.026	3078.701	3808.059
#3	2418.793	34247.18	2563.618	3089.357	3813.098

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3581-08 Acquired: 11/11/2025 16:47:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004401**	**.0076602**	**.0054357**	**-.001539**	**-.001419**	**.1196916**	**.2139830**
Stddev	.003924	.0059202	.0004212	.006756	.004650	.0425451	.0030708
%RSD	89.14937	77.28506	7.748573	439.0757	327.5909	35.54560	1.435058
#1	-.000219	.0042251	.0050051	-.009049	-.004173	.0912942	.2152240
#2	-.008001	.0042593	.0058468	.004047	-.004034	.0991732	.2104860
#3	-.004984	.0144963	.0054553	.000386	.003949	.1686074	.2162391

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002798**	**.0002964**	**9.152811**	**.0014017**	**.0022241**	**.0085384**	**.0491574**
Stddev	.0000769	.0001057	.028520	.0001676	.0000662	.0002677	.0221190
%RSD	27.48850	35.64698	.3115965	11.95741	2.977169	3.135086	44.99616
#1	.0003419	.0002101	9.121992	.0014213	.0021477	.0082308	.0706135
#2	.0003037	.0002649	9.158171	.0012252	.0022660	.0087189	.0504284
#3	.0001938	.0004143	9.178271	.0015587	.0022585	.0086654	.0264304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1700031**	**3.886836**	**.0111155**	**-.002330**	**333.1258**	**-.007190**	**.1111050**
Stddev	.0006544	.024617	.0002498	.000786	.9371	.008838	.0012678
%RSD	.3849170	.6333397	2.247487	33.74045	.2813002	122.9189	1.141091
#1	.1705974	3.868958	.0110763	-.001424	334.0515	.001627	.1096471
#2	.1701102	3.914913	.0108876	-.002839	332.1778	-.016049	.1117188
#3	.1693018	3.876636	.0113826	-.002726	333.1481	-.007149	.1119491

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.163705**	**.0198493**	**.0010386**	**-.008010**	**-.000822**	**.6928636**	**.0134778**
Stddev	.067548	.0017303	.0001332	.001386	.002478	.0153719	.0038480
%RSD	41.26199	8.717016	12.82641	17.30548	301.3837	2.218606	28.55033
#1	-.230197	.0215949	.0010288	-.006432	-.003684	.7105967	.0091666
#2	-.165767	.0181348	.0011765	-.008566	.000652	.6833262	.0165646
#3	-.095149	.0198182	.0009106	-.009031	.000565	.6846680	.0147023

Sample Name: Q3581-08 Acquired: 11/11/2025 16:47:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.014503	-.019118	.0720687
Stddev	.000795	.002960	.0007327
%RSD	.0784095	15.48018	1.016659
#1	1.013607	-.018434	.0727734
#2	1.015126	-.022360	.0713109
#3	1.014776	-.016561	.0721217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.461	34540.02	2537.419	3122.218	3529.620
Stddev	7.795	30.93	2.973	8.948	12.879
%RSD	.3212419	.0895616	.1171533	.2866031	.3648707
#1	2417.462	34505.44	2538.749	3124.352	3515.430
#2	2431.090	34565.06	2539.495	3129.906	3540.566
#3	2430.832	34549.56	2534.014	3112.395	3532.863

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3590-01 Acquired: 11/11/2025 16:51:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003036**	**.0054540**	**.0157675**	**-.003033**	**-.001251**	**.1617725**	**.3857041**
Stddev	.004443	.0041671	.0012559	.001734	.001521	.0170236	.0050456
%RSD	146.3736	76.40436	7.965228	57.16031	121.5937	10.52315	1.308151
#1	-.003995	.0093828	.0145383	-.001434	-.000511	.1798964	.3853840
#2	-.006921	.0058954	.0157155	-.004876	-.003000	.1593017	.3808262
#3	.001809	.0010838	.0170485	-.002789	-.000241	.1461193	.3909022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000062**	**.0005396**	**12.11809**	**.0204652**	**.0002475**	**.0094980**	**.3309079**
Stddev	.000143	.0000984	.08969	.0005077	.0001142	.0007069	.0147368
%RSD	230.4532	18.22928	.7401595	2.480847	46.13601	7.442581	4.453434
#1	.000057	.0004330	12.10877	.0207622	.0001649	.0101934	.3285165
#2	-.000220	.0005589	12.21208	.0207545	.0001997	.0087801	.3175131
#3	-.000023	.0006269	12.03343	.0198790	.0003778	.0095207	.3466941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0419263**	**3.280566**	**.0071159**	**-.001014**	**371.6736**	**.0004545**	**.5454733**
Stddev	.0013143	.016462	.0005239	.000167	.6889	.0123862	.0026026
%RSD	3.134670	.5017961	7.362421	16.43200	.1853622	2725.439	.4771310
#1	.0430577	3.262587	.0076386	-.000936	372.1333	-.012512	.5432497
#2	.0422366	3.284213	.0071182	-.000901	372.0060	.001710	.5483359
#3	.0404847	3.294899	.0065908	-.001205	370.8815	.012165	.5448344

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4782131**	**.0968630**	**.0003974**	**-.007207**	**-.001018**	**.5043967**	**.0918478**
Stddev	.0934610	.0003671	.0001362	.000579	.004592	.0135186	.0043001
%RSD	19.54379	.3790166	34.26757	8.027624	451.1418	2.680144	4.681728
#1	.3781749	.0964883	.0005543	-.007801	-.004477	.4953916	.0960829
#2	.5632925	.0968787	.0003098	-.007175	.004192	.5199416	.0919751
#3	.4931720	.0972220	.0003281	-.006645	-.002769	.4978570	.0874855

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3590-01 Acquired: 11/11/2025 16:51:50 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4528672	-.021018	.0567733
Stddev	.0057652	.007635	.0006149
%RSD	1.273036	36.32574	1.083136
#1	.4535397	-.029049	.0566526
#2	.4582667	-.013854	.0562276
#3	.4467953	-.020151	.0574396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.470	34036.29	2561.410	3075.138	3477.992
Stddev	3.792	116.67	3.188	10.516	1.528
%RSD	.1581179	.3427804	.1244751	.3419563	.0439460
#1	2397.298	33937.21	2564.751	3072.663	3477.951
#2	2395.401	34006.78	2558.400	3066.081	3479.541
#3	2402.709	34164.88	2561.081	3086.671	3476.485

Sample Name: Q3590-03 Acquired: 11/11/2025 16:56:06 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092379	.0029716	.0024383	-.004485	-.002747	.0105991	.0676568
Stddev	.0056594	.0042243	.0011807	.001676	.003032	.0366770	.0021029
%RSD	61.26362	142.1531	48.42230	37.37643	110.3893	346.0371	3.108161
#1	.0056012	.0044366	.0022143	-.004676	-.006249	.0443396	.0695818
#2	.0063540	-.001790	.0013857	-.002721	-.000993	.0158961	.0654126
#3	.0157584	.006268	.0037149	-.006057	-.000999	-.028438	.0679759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000152	.0014693	38.72865	.0034517	.0049618	.0089503	.5191568
Stddev	.000116	.0001658	.00878	.0005625	.0002445	.0009866	.0219777
%RSD	76.53910	11.28561	.0226771	16.29697	4.927104	11.02243	4.233351
#1	-.000135	.0013191	38.73317	.0040036	.0051238	.0091163	.4979396
#2	-.000275	.0016472	38.73426	.0028791	.0050810	.0098434	.5177077
#3	-.000045	.0014414	38.71853	.0034724	.0046806	.0078914	.5418233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2110027	9.021476	.0120098	-.001463	177.5846	-.003789	.6439837
Stddev	.0012188	.060411	.0007857	.000252	.4577	.011215	.0007652
%RSD	.5776208	.6696377	6.542057	17.25135	.2577179	295.9821	.1188151
#1	.2099379	8.968283	.0129075	-.001745	177.2059	-.002233	.6444914
#2	.2107381	9.008990	.0116745	-.001260	177.4547	.006567	.6443561
#3	.2123321	9.087154	.0114474	-.001383	178.0931	-.015701	.6431037

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.154948	.0394780	.0023551	-.010562	-.001246	3.972954	.0206427
Stddev	.140331	.0017183	.0005584	.001059	.002189	.016482	.0042015
%RSD	2.722254	4.352603	23.71086	10.02491	175.6425	.4148572	20.35364
#1	5.164750	.0413894	.0020930	-.011772	-.003502	3.982761	.0248282
#2	5.290121	.0389835	.0019760	-.010106	-.001104	3.953925	.0164252
#3	5.009974	.0380612	.0029964	-.009807	.000868	3.982177	.0206747

Sample Name: Q3590-03 Acquired: 11/11/2025 16:56:06 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.820949**	**-.016557**	**.1849878**
Stddev	.027069	.004862	.0008777
%RSD	.4650241	29.36432	.4744893
#1	5.852164	-.011894	.1859340
#2	5.803951	-.016182	.1848292
#3	5.806731	-.021596	.1842002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2441.312**	**34965.29**	**2614.207**	**3151.713**	**3600.474**
Stddev	7.214	101.69	24.322	13.293	11.653
%RSD	.2954846	.2908451	.9303920	.4217571	.3236457
#1	2448.528	34848.00	2586.707	3137.131	3608.766
#2	2441.307	35028.83	2623.015	3163.152	3605.505
#3	2434.100	35019.04	2632.898	3154.857	3587.151

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3590-05 Acquired: 11/11/2025 17:00:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004828**	**.0006801**	**.0079646**	**-.001549**	**-.001151**	**.0317869**	**.1836480**
Stddev	.002624	.0041856	.0006255	.002478	.002584	.0215164	.0031900
%RSD	54.35860	615.4728	7.852803	159.9712	224.5790	67.68960	1.737034
#1	-.007784	-.000686	.0083854	.001206	.001307	.0138167	.1799996
#2	-.002772	.005378	.0072459	-.002256	-.000914	.0556300	.1859117
#3	-.003928	-.002652	.0082626	-.003597	-.003845	.0259140	.1850327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000098**	**.0009145**	**1.188866**	**.0014753**	**.0001652**	**.0120151**	**.0092075**
Stddev	.000051	.0001056	.017392	.0004878	.0005368	.0006774	.0394184
%RSD	51.65819	11.55045	1.462937	33.06658	324.9550	5.638165	428.1106
#1	-.000098	.0009623	1.208834	.0013047	.0003892	.0112700	-.003834
#2	-.000148	.0009877	1.177027	.0020255	-.000447	.0125939	-.022037
#3	-.000047	.0007934	1.180736	.0010956	.000554	.0121813	.053494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0125591**	**.2637600**	**.0034751**	**-.002611**	**281.2924**	**-.005932**	**.3586517**
Stddev	.0020460	.0817840	.0002967	.000711	1.4268	.004824	.0008680
%RSD	16.29093	31.00697	8.539241	27.21337	.5072209	81.32890	.2420317
#1	.0116082	.2896774	.0037103	-.002290	282.4898	-.000611	.3593681
#2	.0111616	.1721575	.0031417	-.002117	279.7137	-.007162	.3589005
#3	.0149075	.3294450	.0035734	-.003425	281.6737	-.010022	.3576864

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.772024**	**.0234007**	**.0007354**	**-.005732**	**-.000916**	**.0845521**	**.0153164**
Stddev	.039467	.0007526	.0006093	.001100	.005846	.0547266	.0046867
%RSD	5.112086	3.215987	82.85363	19.18498	638.3074	64.72527	30.59915
#1	-.726935	.0225351	.0014384	-.005157	-.005872	.1121175	.0179315
#2	-.800302	.0238999	.0004083	-.005038	.005532	.1200148	.0099057
#3	-.788834	.0237670	.0003594	-.007000	-.002408	.0215240	.0181120

Sample Name: Q3590-05 Acquired: 11/11/2025 17:00:18 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2189838	-.018164	.0056051
Stddev	.0059220	.002094	.0002602
%RSD	2.704290	11.52817	4.641737
#1	.2256947	-.015747	.0053657
#2	.2144913	-.019437	.0058820
#3	.2167655	-.019307	.0055676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.267	34123.44	2611.063	3097.790	3537.093
Stddev	3.055	122.97	11.866	13.423	8.087
%RSD	.1261194	.3603768	.4544538	.4332967	.2286431
#1	2421.374	33983.82	2602.611	3082.436	3537.164
#2	2419.758	34215.65	2624.629	3107.300	3528.970
#3	2425.669	34170.84	2605.949	3103.634	3545.144

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3593-04 Acquired: 11/11/2025 17:04:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001140**	**.0063277**	**.0014540**	**-.002679**	**-.002433**	**.2537734**	**.3790801**
Stddev	.007050	.0031302	.0016862	.006049	.002443	.0183429	.0038553
%RSD	618.6948	49.46786	115.9646	225.7511	100.3886	7.228045	1.017011
#1	-.006869	.0072176	.0033910	-.002607	.000024	.2725105	.3752227
#2	-.003283	.0089166	.0006563	-.008764	-.004861	.2529578	.3829333
#3	.006734	.0028489	.0003148	.003333	-.002463	.2358520	.3790844

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000538**	**.0004008**	**15.69601**	**.0024527**	**.0019519**	**.0019847**	**.1583549**
Stddev	.0000904	.0002199	.07208	.0002537	.0006455	.0003507	.0199398
%RSD	167.9312	54.87162	.4592042	10.34344	33.07219	17.67087	12.59185
#1	.0000025	.0001525	15.77924	.0022956	.0012416	.0020643	.1771702
#2	.0000008	.0004789	15.65531	.0027454	.0021114	.0016010	.1604402
#3	.0001582	.0005709	15.65350	.0023172	.0025028	.0022888	.1374544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1530373**	**5.306733**	**.0035558**	**-.002129**	**294.0925**	**-.006999**	**.1520298**
Stddev	.0008752	.034838	.0003688	.001018	.7664	.007036	.0019563
%RSD	.5718962	.6564821	10.37174	47.81612	.2606141	100.5350	1.286803
#1	.1532635	5.345411	.0032167	-.000963	293.2097	-.014795	.1521843
#2	.1520712	5.277820	.0035022	-.002844	294.4792	-.001119	.1539043
#3	.1537773	5.296968	.0039484	-.002580	294.5886	-.005082	.1500008

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.372287**	**.0523485**	**.0014133**	**-.008225**	**.0053185**	**1.192141**	**.0276509**
Stddev	.081320	.0027285	.0009319	.001158	.0028602	.017664	.0031382
%RSD	5.925887	5.212170	65.93664	14.08444	53.77846	1.481683	11.34948
#1	1.414837	.0494149	.0015889	-.008132	.0076318	1.191777	.0240834
#2	1.423503	.0528204	.0022448	-.009428	.0021205	1.209983	.0288842
#3	1.278519	.0548103	.0004061	-.007116	.0062032	1.174661	.0299852

Sample Name: Q3593-04 Acquired: 11/11/2025 17:04:33 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6090594	-.012503	.0944022
Stddev	.0082130	.006525	.0000744
%RSD	1.348475	52.18622	.0787809
#1	.6012578	-.019603	.0944864
#2	.6082906	-.011137	.0943455
#3	.6176298	-.006770	.0943745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.689	35310.33	2610.953	3195.819	3610.418
Stddev	23.586	119.88	12.398	15.727	33.023
%RSD	.9515582	.3395154	.4748341	.4921160	.9146669
#1	2486.272	35223.51	2598.668	3178.079	3623.026
#2	2497.551	35447.11	2623.461	3201.328	3635.280
#3	2452.244	35260.37	2610.731	3208.051	3572.948

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3593-06 Acquired: 11/11/2025 17:08:49 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002654**	**.0044513**	**.0011645**	**-.003601**	**-.000627**	**.3471035**	**.2991227**
Stddev	.006010	.0016597	.0007699	.004513	.002236	.0078295	.0022916
%RSD	226.4763	37.28593	66.11567	125.3417	356.9392	2.255672	.7661129
#1	-.001957	.0029169	.0016190	-.008573	.001714	.3439554	.2970635
#2	-.008981	.0062130	.0015989	.000237	-.002742	.3413380	.3015915
#3	.002978	.0042242	.0002755	-.002467	-.000851	.3560170	.2987133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000031**	**.0001975**	**13.35966**	**.0052338**	**.0054737**	**.0023472**	**.2180302**
Stddev	.000065	.0001165	.03706	.0004778	.0004647	.0005870	.0208213
%RSD	209.6733	58.98298	.2774299	9.130022	8.489541	25.00824	9.549735
#1	-.000106	.0000641	13.31729	.0055706	.0050027	.0028784	.2203375
#2	.000017	.0002497	13.38608	.0054439	.0054865	.0024461	.2376018
#3	-.000004	.0002789	13.37560	.0046869	.0059318	.0017170	.1961514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3265341**	**4.527938**	**.0136642**	**-.001206**	**305.2859**	**.0060780**	**.1327031**
Stddev	.0027722	.089990	.0006718	.001274	1.7304	.0060920	.0025602
%RSD	.8489620	1.987431	4.916156	105.6381	.5668031	100.2296	1.929230
#1	.3238717	4.498134	.0139737	.000227	303.3017	.0129786	.1356590
#2	.3294043	4.456632	.0128935	-.001634	306.4817	.0038107	.1312626
#3	.3263263	4.629049	.0141254	-.002210	306.0742	.0014449	.1311877

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.045449**	**.0500243**	**.0014945**	**-.007225**	**.0065810**	**1.489196**	**.0241003**
Stddev	.108117	.0028081	.0000909	.000969	.0058976	.043577	.0017949
%RSD	10.34169	5.613543	6.085256	13.41877	89.61595	2.926223	7.447535
#1	1.166202	.0530372	.0014140	-.006502	.0082608	1.458545	.0260943
#2	.957625	.0474799	.0015931	-.006846	.0114566	1.469961	.0226139
#3	1.012519	.0495558	.0014762	-.008326	.0000257	1.539081	.0235926

Sample Name: Q3593-06 Acquired: 11/11/2025 17:08:49 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7556774	-.013040	.1001369
Stddev	.0071996	.001954	.0002612
%RSD	.9527350	14.98356	.2608290
#1	.7475646	-.013227	.0998811
#2	.7613058	-.014894	.1001264
#3	.7581617	-.011000	.1004032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.494	34552.30	2577.069	3147.834	3531.896
Stddev	5.915	161.31	4.466	21.156	6.530
%RSD	.2438584	.4668618	.1733125	.6720802	.1848867
#1	2426.065	34728.51	2582.177	3168.446	3534.047
#2	2419.314	34411.90	2573.900	3126.173	3524.562
#3	2431.102	34516.50	2575.129	3148.884	3537.079

Sample Name: Q3593-08 Acquired: 11/11/2025 17:13:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005169**	**.0092873**	**.0070907**	**-.002048**	**-.004206**	**.1796703**	**.2645969**
Stddev	.005237	.0038735	.0018591	.003596	.003990	.0259865	.0033995
%RSD	101.3090	41.70828	26.21955	175.5916	94.85956	14.46345	1.284803
#1	.000812	.0055328	.0061561	-.001493	-.000658	.2084402	.2684299
#2	-.008931	.0090592	.0058842	.001239	-.003435	.1579017	.2634140
#3	-.007389	.0132698	.0092316	-.005889	-.008526	.1726690	.2619468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000077**	**.0009201**	**13.86062**	**.0009793**	**.0003050**	**.0031484**	**.0959222**
Stddev	.000030	.0000066	.11454	.0007270	.0004620	.0004729	.0074846
%RSD	38.19878	.7225158	.8263419	74.23184	151.4911	15.02132	7.802738
#1	-.000100	.0009124	13.98501	.0014498	.0002366	.0030548	.0872982
#2	-.000044	.0009233	13.83734	.0013463	-.000119	.0036612	.0997458
#3	-.000089	.0009245	13.75952	.0001420	.000797	.0027293	.1007225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1004078**	**2.241012**	**.0016530**	**-.001356**	**289.5464**	**-.000269**	**.1959823**
Stddev	.0014487	.027880	.0004591	.001100	3.6685	.005264	.0032321
%RSD	1.442797	1.244072	27.77592	81.12372	1.266975	1954.208	1.649166
#1	.1005299	2.248561	.0019529	-.000734	285.3137	-.004411	.1944649
#2	.1017916	2.210135	.0018817	-.002625	291.8076	.005655	.1996939
#3	.0989019	2.264341	.0011244	-.000707	291.5178	-.002051	.1937882

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.272535**	**.0539431**	**.0005886**	**-.006578**	**-.000083**	**1.871418**	**.0964606**
Stddev	.202125	.0037299	.0004280	.000424	.004253	.017979	.0032835
%RSD	8.894262	6.914551	72.70922	6.445013	5138.005	.9607239	3.404024
#1	2.385353	.0549781	.0006659	-.006436	-.003882	1.867236	.0962342
#2	2.393068	.0570463	.0001273	-.007055	-.000878	1.855898	.0998515
#3	2.039183	.0498050	.0009727	-.006243	.004511	1.891119	.0932961

Sample Name: Q3593-08 Acquired: 11/11/2025 17:13:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4525271	-.020922	.0947442
Stddev	.0081159	.004906	.0005433
%RSD	1.793457	23.44716	.5734002
#1	.4519008	-.015345	.0945807
#2	.4447426	-.022850	.0953504
#3	.4609380	-.024571	.0943014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.351	33956.14	2554.398	3122.761	3490.503
Stddev	11.131	39.97	30.056	25.817	16.377
%RSD	.4656575	.1177004	1.176636	.8267260	.4691953
#1	2377.611	33998.47	2519.752	3152.539	3471.747
#2	2395.255	33950.90	2573.482	3109.088	3501.973
#3	2398.188	33919.06	2569.960	3106.657	3497.789

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3593-10 Acquired: 11/11/2025 17:17:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005000**	**.0064018**	**.0033218**	**-.002498**	**-.001242**	**.3580504**	**.4462533**
Stddev	.001300	.0046679	.0013383	.002227	.002605	.0200905	.0066033
%RSD	25.99259	72.91622	40.28779	89.15765	209.6865	5.611089	1.479711
#1	-.006465	.0112478	.0021615	-.003354	-.003778	.3697717	.4406704
#2	-.004548	.0060224	.0047859	-.004170	.001427	.3695272	.4445474
#3	-.003987	.0019351	.0030180	.000030	-.001375	.3348523	.4535421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000107**	**.0013782**	**12.65925**	**.0020108**	**.0002686**	**.0041547**	**.2814209**
Stddev	.000037	.0000813	.04155	.0002360	.0002445	.0003991	.0387428
%RSD	34.30074	5.900307	.3282189	11.73449	91.04994	9.605467	13.76687
#1	-.000079	.0012932	12.61386	.0021421	.0004406	.0038742	.2373821
#2	-.000148	.0014553	12.69540	.0021520	-.000011	.0039783	.2966256
#3	-.000093	.0013861	12.66850	.0017384	.000376	.0046116	.3102551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0675029**	**2.841955**	**.0020572**	**-.002381**	**260.5576**	**-.001693**	**.3317963**
Stddev	.0014046	.018384	.0002770	.001465	1.8183	.006668	.0022155
%RSD	2.080851	.6468719	13.46331	61.52710	.6978526	393.9103	.6677347
#1	.0691098	2.822169	.0022709	-.002969	258.4616	-.004146	.3298037
#2	.0665090	2.858507	.0017443	-.003462	261.4995	-.006787	.3314030
#3	.0668898	2.845189	.0021565	-.000714	261.7117	.005855	.3341821

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9027410**	**.0963476**	**.0006016**	**-.006826**	**.0120536**	**.8875874**	**.0449434**
Stddev	.1150982	.0017927	.0003227	.001546	.0023385	.0914152	.0044872
%RSD	12.74986	1.860691	53.64094	22.64550	19.40110	10.29929	9.984212
#1	.8032375	.0975306	.0003995	-.005797	.0122379	.7822541	.0493139
#2	1.028794	.0942850	.0009738	-.008604	.0096283	.9462046	.0403479
#3	.876191	.0972272	.0004316	-.006078	.0142945	.9343036	.0451686

Sample Name: Q3593-10 Acquired: 11/11/2025 17:17:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5344893	-.024641	.0755582
Stddev	.0130455	.003685	.0002495
%RSD	2.440743	14.95383	.3302450
#1	.5345332	-.026837	.0752779
#2	.5475128	-.020387	.0757560
#3	.5214219	-.026700	.0756408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.328	34263.29	2534.607	3110.998	3500.757
Stddev	32.021	236.53	9.306	31.691	49.347
%RSD	1.340179	.6903362	.3671713	1.018677	1.409605
#1	2403.544	34526.97	2545.100	3147.578	3523.411
#2	2352.660	34069.79	2527.354	3093.582	3444.151
#3	2411.780	34193.11	2531.366	3091.835	3534.709

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3598-02 Acquired: 11/11/2025 17:21:37 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000679**	**.0044395**	**.0026516**	**-.004551**	**-.003260**	**.3002458**	**.0721181**
Stddev	.001690	.0057792	.0012932	.004065	.003924	.0035642	.0052000
%RSD	248.7251	130.1765	48.77204	89.31687	120.3619	1.187108	7.210337
#1	-.002587	.0111023	.0036184	-.008289	.001166	.2985514	.0781223
#2	.000629	.0014309	.0011826	-.000223	-.004633	.3043412	.0690733
#3	-.000079	.0007853	.0031538	-.005141	-.006313	.2978449	.0691586

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000262**	**-.000094**	**151.3285**	**.0105394**	**-.000282**	**.0016619**	**.0142790**
Stddev	.000039	.000196	.5946	.0004369	.000531	.0010290	.0072618
%RSD	14.81909	207.7595	.3929101	4.145471	188.4050	61.91783	50.85658
#1	-.000254	.000080	151.8904	.0106097	-.000511	.0027110	.0158467
#2	-.000227	-.000306	151.3893	.0109369	.000325	.0006543	.0206289
#3	-.000304	-.000057	150.7059	.0100716	-.000660	.0016202	.0063614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049733**	**.0624468**	**.0011063**	**-.002107**	**305.9073**	**.0017421**	**.0046167**
Stddev	.0018180	.0636207	.0005986	.001002	.3113	.0118175	.0003744
%RSD	36.55605	101.8798	54.10871	47.56374	.1017627	678.3528	8.108972
#1	.0070658	-.010777	.0013444	-.002165	305.5620	-.003248	.0047942
#2	.0037815	.104182	.0015492	-.001077	305.9934	-.006762	.0041866
#3	.0040724	.093936	.0004253	-.003078	306.1665	.015236	.0048693

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.690488**	**.0068845**	**.0037959**	**-.007202**	**-.008728**	**1.598086**	**.0077446**
Stddev	.066246	.0027485	.0005134	.000829	.005543	.031729	.0025721
%RSD	2.462227	39.92260	13.52482	11.50516	63.50052	1.985433	33.21115
#1	2.622339	.0041784	.0043259	-.006933	-.002346	1.561538	.0048763
#2	2.694474	.0096735	.0033009	-.008132	-.012330	1.614151	.0085116
#3	2.754650	.0068017	.0037611	-.006542	-.011510	1.618570	.0098460

Sample Name: Q3598-02 Acquired: 11/11/2025 17:21:37 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.222537	-.043391	.7759821
Stddev	.010438	.004528	.0035501
%RSD	.2471961	10.43610	.4575025
#1	4.227064	-.038263	.7800537
#2	4.229947	-.045070	.7743585
#3	4.210600	-.046839	.7735342

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.312	32898.76	2540.156	3017.394	3363.293
Stddev	8.245	74.22	13.582	19.945	7.068
%RSD	.3512489	.2256070	.5346905	.6609893	.2101566
#1	2341.978	32957.61	2524.476	3040.004	3356.101
#2	2356.808	32923.29	2547.699	3009.882	3370.231
#3	2343.149	32815.38	2548.292	3002.296	3363.545

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3599-02 Acquired: 11/11/2025 17:25:53 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029770	.0106796	-.000138	-.005034	-.002611	.0597229	.0593381
Stddev	.0063436	.0078498	.003063	.003720	.001673	.0234369	.0063883
%RSD	213.0860	73.50228	2220.811	73.89842	64.05787	39.24272	10.76595
#1	-.000258	.0043795	.001414	-.001645	-.002207	.0466844	.0625923
#2	.010286	.0081861	-.003666	-.009014	-.001178	.0457046	.0519779
#3	-.001097	.0194733	.001838	-.004442	-.004449	.0867795	.0634440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	-.000148	138.5234	.1167481	-.000289	.0052889	.0011184
Stddev	.000077	.000234	.1760	.0005198	.000415	.0005698	.0147029
%RSD	75.53350	158.5568	.1270336	.4452152	143.9140	10.77339	1314.610
#1	-.000173	-.000162	138.4091	.1165985	.000102	.0046598	.0001359
#2	-.000020	.000093	138.7260	.1173262	-.000243	.0054366	-.013069
#3	-.000113	-.000375	138.4350	.1163195	-.000725	.0057703	.016288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011973	.0187220	.0010919	-.002478	280.3055	.0039368	.0026259
Stddev	.0010484	.0036754	.0003610	.001103	3.0582	.0044751	.0001362
%RSD	87.56140	19.63143	33.06471	44.49502	1.091025	113.6729	5.185708
#1	.0017025	.0145609	.0012028	-.003411	280.5999	.0062056	.0024947
#2	-.000008	.0215255	.0013845	-.002762	283.2058	.0068231	.0026165
#3	.001897	.0200797	.0006884	-.001261	277.1107	-.001218	.0027666

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386763	.0169326	.0101427	-.010843	-.006544	4.376234	.0123673
Stddev	.0932886	.0016738	.0003436	.002353	.003215	.037666	.0056614
%RSD	241.2036	9.885099	3.387817	21.69949	49.13061	.8607043	45.77696
#1	-.067700	.0183302	.0105268	-.013536	-.004168	4.344695	.0135617
#2	.106554	.0173898	.0100370	-.009183	-.005262	4.417940	.0173363
#3	.077175	.0150777	.0098644	-.009811	-.010202	4.366065	.0062041

Sample Name: Q3599-02 Acquired: 11/11/2025 17:25:53 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.358531	-.039319	1.183563
Stddev	.053061	.003508	.001484
%RSD	.6348132	8.920861	.1253818
#1	8.341302	-.043261	1.184790
#2	8.418065	-.038151	1.183985
#3	8.316225	-.036544	1.181914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.938	33847.56	2552.275	3049.443	3444.350
Stddev	4.514	203.06	10.448	30.256	9.363
%RSD	.1905612	.5999149	.4093526	.9921798	.2718405
#1	2365.470	33918.71	2558.930	3067.036	3438.644
#2	2367.301	33618.50	2557.663	3014.507	3439.249
#3	2374.042	34005.46	2540.233	3066.786	3455.156

Sample Name: CCV05 Acquired: 11/11/2025 17:30:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	**5.172962**	**5.168347**	**5.039798**	**5.151938**	**5.155800**	**10.23335**	**10.28256**
Stddev	.017301	.133288	.010128	.006208	.004259	.02504	.08361
%RSD	.3344590	2.578921	.2009627	.1205044	.0826091	.2446698	.8131272
#1	5.162829	5.142333	5.032498	5.153865	5.160173	10.20449	10.18791
#2	5.163118	5.049984	5.035536	5.156954	5.155561	10.24936	10.31338
#3	5.192939	5.312724	5.051361	5.144994	5.151665	10.24619	10.34638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2602810**	**2.542497**	**25.62900**	**1.036509**	**2.552939**	**1.294527**	**5.218006**
Stddev	.0023210	.003079	.15887	.003985	.000871	.002358	.022760
%RSD	.8917393	.1211130	.6198918	.3844287	.0341338	.1821857	.4361847
#1	.2577641	2.539289	25.44770	1.040244	2.551937	1.291905	5.196932
#2	.2607420	2.542773	25.69538	1.032315	2.553361	1.296477	5.242142
#3	.2623370	2.545429	25.74392	1.036967	2.553519	1.295199	5.214945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.560577**	**25.57115**	**2.537100**	**1.297767**	**25.53698**	**2.558571**	**2.631136**
Stddev	.024524	.15186	.001280	.001324	.07068	.010645	.009473
%RSD	.9577720	.5938573	.0504401	.1020593	.2767935	.4160415	.3600353
#1	2.532424	25.39779	2.537853	1.298003	25.45914	2.556122	2.641991
#2	2.572010	25.63499	2.535623	1.296340	25.59717	2.549364	2.624539
#3	2.577297	25.68066	2.537825	1.298957	25.55463	2.570227	2.626879

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.10596**	**5.198459**	**5.162290**	**5.134575**	**5.101404**	**5.092254**	**5.176597**
Stddev	.02743	.049883	.005638	.012461	.045378	.018507	.013193
%RSD	.1092477	.9595798	.1092207	.2426931	.8895130	.3634435	.2548669
#1	25.07976	5.151281	5.157368	5.126434	5.049194	5.108158	5.169900
#2	25.13447	5.193428	5.168442	5.128371	5.131349	5.096663	5.168094
#3	25.10366	5.250667	5.161059	5.148921	5.123668	5.071940	5.191795

Sample Name: CCV05 Acquired: 11/11/2025 17:30:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.112149**	**5.074617**	**5.121199**
Stddev	.010933	.047057	.040713
%RSD	.2138672	.9273054	.7949992
#1	5.099591	5.020758	5.074187
#2	5.117305	5.095316	5.144815
#3	5.119551	5.107776	5.144594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2393.124**	**34518.12**	**2487.329**	**3097.691**	**3509.886**
Stddev	.606	173.92	20.283	8.691	1.408
%RSD	.0253198	.5038540	.8154584	.2805728	.0401051
#1	2393.804	34363.28	2503.546	3090.264	3508.288
#2	2392.929	34706.30	2493.854	3107.250	3510.945
#3	2392.640	34484.77	2464.586	3095.559	3510.423

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCB05 Acquired: 11/11/2025 17:34:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001980**	**.0005619**	**-.000249**	**-.005165**	**-.001050**	**.0120404**	**.0043376**
Stddev	.004813	.0012598	.001741	.006934	.002109	.0080581	.0037725
%RSD	243.0343	224.2090	698.0682	134.2385	200.9112	66.92530	86.97304
#1	-.004292	-.000871	.001574	-.009214	.000657	.0083333	.0023239
#2	.003552	.001495	-.000429	.002841	-.003407	.0065030	.0086897
#3	-.005201	.001061	-.001893	-.009124	-.000398	.0212848	.0019992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000025**	**-.000003**	**.0362449**	**.0006758**	**.0003890**	**-.000280**	**-.034069**
Stddev	.000034	.000125	.0479275	.0009005	.0001939	.000269	.022924
%RSD	135.2615	4633.164	132.2322	133.2408	49.84078	95.85288	67.28720
#1	.000013	.000012	.0915827	-.000277	.0002005	-.000330	-.032772
#2	-.000036	.000114	.0091641	.001512	.0003786	-.000521	-.057614
#3	-.000052	-.000134	.0079881	.000792	.0005878	.000010	-.011821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000394**	**.0373537**	**.0007251**	**-.001327**	**.1584457**	**-.000506**	**.0008984**
Stddev	.000766	.0703960	.0004730	.002313	.0599303	.004084	.0008058
%RSD	194.5833	188.4579	65.23154	174.2708	37.82390	807.7430	89.69568
#1	-.000739	.0123387	.0006534	-.001100	.0966947	.001137	.0010113
#2	.000484	.1168410	.0002921	-.003746	.2163722	.002502	.0016417
#3	-.000926	-.017119	.0012299	.000864	.1622700	-.005155	.0000420

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2627230**	**.0086256**	**.0012030**	**-.000242**	**-.003783**	**-.019889**	**-.001914**
Stddev	.1822805	.0018188	.0005856	.001027	.003810	.022805	.002117
%RSD	69.38123	21.08555	48.67599	424.5527	100.7118	114.6622	110.6055
#1	.0567128	.0082440	.0018786	.000444	.000312	-.041541	-.002769
#2	.3283652	.0070279	.0008889	-.001423	-.004438	-.022042	-.003469
#3	.4030912	.0106049	.0008414	.000253	-.007224	.003916	.000497

Sample Name: CCB05 Acquired: 11/11/2025 17:34:05 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005195	-.008250	.0006852
Stddev	.005441	.006063	.0003104
%RSD	104.7298	73.49845	45.29951
#1	-.011441	-.007048	.0010430
#2	-.002660	-.014824	.0004887
#3	-.001484	-.002877	.0005238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.730	34964.95	2554.768	3157.327	3868.760
Stddev	1.970	60.50	11.539	20.019	3.600
%RSD	.0805041	.1730363	.4516669	.6340596	.0930503
#1	2448.431	34966.47	2566.405	3146.841	3872.912
#2	2444.572	34903.69	2554.570	3144.729	3866.867
#3	2447.187	35024.67	2543.330	3180.411	3866.502

Sample Name: Q3601-04 Acquired: 11/11/2025 17:38:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002936**	**.0048910**	**.0198333**	**-.010886**	**-.001309**	**.0219383**	**.2253810**
Stddev	.002109	.0027229	.0029192	.004035	.001448	.0055780	.0056650
%RSD	71.85008	55.67142	14.71884	37.06831	110.6102	25.42572	2.513526
#1	-.004923	.0034333	.0198203	-.006275	.000202	.0186956	.2210218
#2	-.000723	.0032073	.0227590	-.012612	-.002685	.0283791	.2317844
#3	-.003161	.0080324	.0169206	-.013771	-.001444	.0187401	.2233369

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000104**	**.0007485**	**99.32589**	**.0020698**	**-.000116**	**.0109406**	**.0363894**
Stddev	.000088	.0001903	1.24861	.0004697	.000151	.0011413	.0078605
%RSD	85.16617	25.42001	1.257088	22.69526	129.9838	10.43219	21.60114
#1	-.000200	.0005389	97.88634	.0016609	.000056	.0114587	.0425111
#2	-.000083	.0007965	100.1150	.0019655	-.000179	.0096321	.0275250
#3	-.000027	.0009102	99.9764	.0025829	-.000227	.0117310	.0391322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1078148**	**2.631850**	**.0049231**	**-.001055**	**277.5845**	**-.013206**	**.1136517**
Stddev	.0014427	.074984	.0002534	.001764	2.0733	.005062	.0008510
%RSD	1.338108	2.849104	5.146392	167.1596	.7469040	38.32999	.7487881
#1	.1065507	2.547743	.0046440	-.001402	279.5875	-.019022	.1146206
#2	.1075073	2.691711	.0049868	-.002620	277.7185	-.010808	.1130254
#3	.1093864	2.656096	.0051386	.000856	275.4474	-.009789	.1133092

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5553685**	**.0233492**	**.0017805**	**-.009787**	**-.005627**	**1.992283**	**.0319434**
Stddev	.0744237	.0019891	.0001878	.001824	.001945	.004041	.0025283
%RSD	13.40078	8.519008	10.54660	18.64101	34.56686	.2028430	7.915067
#1	.5913870	.0212763	.0019200	-.010193	-.003517	1.991186	.0348523
#2	.6049306	.0235290	.0018544	-.011374	-.006018	1.988903	.0302731
#3	.4697879	.0252424	.0015670	-.007794	-.007348	1.996759	.0307050

Sample Name: Q3601-04 Acquired: 11/11/2025 17:38:21 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.226677	-.030781	.4745642
Stddev	.005605	.005909	.0039816
%RSD	.4568992	19.19848	.8390082
#1	1.223708	-.029635	.4700639
#2	1.233141	-.037179	.4776291
#3	1.223181	-.025528	.4759995

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.169	33613.69	2517.783	3055.363	3445.055
Stddev	.903	128.17	20.299	13.260	2.108
%RSD	.0379077	.3813001	.8062413	.4339866	.0611770
#1	2382.204	33517.08	2541.218	3040.284	3445.429
#2	2383.309	33564.90	2506.452	3060.603	3446.950
#3	2383.994	33759.09	2505.678	3065.202	3442.785

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-08 Acquired: 11/11/2025 17:42:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000348**	**.0055087**	**.0126411**	**-.006366**	**-.006050**	**.0286487**	**.2337157**
Stddev	.005384	.0031149	.0018713	.003862	.002685	.0194083	.0061015
%RSD	1545.450	56.54471	14.80337	60.67056	44.37404	67.74582	2.610636
#1	.000610	.0056519	.0110012	-.010251	-.006992	.0452209	.2270060
#2	-.006147	.0023247	.0122426	-.002527	-.008136	.0072972	.2352096
#3	.004492	.0085495	.0146796	-.006320	-.003021	.0334281	.2389314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000009**	**.0010023**	**145.4444**	**.0014493**	**-.000011**	**.0087364**	**.0265903**
Stddev	.000093	.0001225	.5243	.0007027	.000282	.0011691	.0234797
%RSD	1012.877	12.22171	.3604569	48.48403	2460.729	13.38137	88.30156
#1	-.000020	.0009102	145.0161	.0013327	-.000163	.0080890	.0333385
#2	-.000096	.0009553	145.2880	.0022030	.000314	.0080344	.0459570
#3	.000089	.0011413	146.0290	.0008123	-.000185	.0100860	.0004755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0516070**	**2.835557**	**.0053633**	**-.002693**	**342.3845**	**-.004780**	**.2070956**
Stddev	.0010458	.066650	.0003876	.000241	3.8446	.012586	.0010285
%RSD	2.026492	2.350515	7.226329	8.934786	1.122882	263.2830	.4966121
#1	.0525673	2.869233	.0053643	-.002968	342.6597	-.011636	.2076361
#2	.0504927	2.878650	.0057503	-.002522	338.4097	-.012450	.2059096
#3	.0517610	2.758788	.0049752	-.002589	346.0841	.009745	.2077411

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5963020**	**.0271913**	**.0019694**	**-.011503**	**-.005931**	**2.559792**	**.0198357**
Stddev	.1057065	.0013514	.0006917	.000257	.001116	.037204	.0004552
%RSD	17.72700	4.970066	35.12269	2.236331	18.82127	1.453398	2.294803
#1	.7170908	.0273680	.0027623	-.011287	-.006899	2.550826	.0198040
#2	.5206950	.0284457	.0016560	-.011435	-.004710	2.527890	.0203060
#3	.5511204	.0257602	.0014899	-.011787	-.006186	2.600659	.0193973

Sample Name: Q3601-08 Acquired: 11/11/2025 17:42:38 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**2.145526**	**-.035662**	**.7167575**
Stddev	.006091	.001156	.0021798
%RSD	.2838872	3.240358	.3041151
#1	2.152532	-.036521	.7151010
#2	2.141487	-.034348	.7159447
#3	2.142560	-.036117	.7192269

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2357.866**	**32884.64**	**2529.391**	**3027.672**	**3349.471**
Stddev	1.419	141.45	18.946	18.371	3.826
%RSD	.0601763	.4301467	.7490282	.6067855	.1142348
#1	2356.598	32981.06	2546.831	3030.128	3349.747
#2	2359.399	32950.61	2509.233	3044.693	3345.514
#3	2357.602	32722.25	2532.109	3008.197	3353.151

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-12 Acquired: 11/11/2025 17:46:52 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002261**	**.0030043**	**.3971004**	**-.005432**	**.0001490**	**.0829333**	**.1684480**
Stddev	.006399	.0087672	.0022428	.006265	.0034269	.0199688	.0104032
%RSD	283.0432	291.8165	.5647930	115.3329	2299.929	24.07808	6.175880
#1	.005093	.0051512	.3992012	.001774	-.003685	.0616275	.1768389
#2	-.005315	-.006637	.3947385	-.008479	.002915	.1012215	.1568081
#3	-.006560	.010499	.3973616	-.009592	.001217	.0859508	.1716972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000450**	**.0029430**	**61.65456**	**.0106446**	**.0190057**	**.0099798**	**.2305469**
Stddev	.000071	.0002542	.29915	.0006242	.0004387	.0006508	.0134758
%RSD	15.88641	8.636492	.4852014	5.863603	2.307967	6.521467	5.845138
#1	-.000395	.0027696	61.99999	.0108836	.0185148	.0103843	.2169804
#2	-.000424	.0032348	61.48284	.0111139	.0191431	.0092290	.2439301
#3	-.000530	.0028247	61.48086	.0099363	.0193592	.0103260	.2307303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.752631**	**2.488187**	**.0267385**	**-.001353**	**305.4145**	**-.005219**	**.4400469**
Stddev	.016289	.073085	.0001652	.000183	.2127	.007928	.0011191
%RSD	.4340803	2.937296	.6178325	13.54033	.0696454	151.9128	.2543080
#1	3.771434	2.498903	.0267697	-.001171	305.6240	-.000006	.4389809
#2	3.742807	2.410335	.0265599	-.001538	305.4208	-.014342	.4399475
#3	3.743652	2.555323	.0268858	-.001351	305.1988	-.001308	.4412124

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.144878**	**.0220327**	**.0008588**	**.1384518**	**-.004720**	**1.422734**	**.0068300**
Stddev	.044401	.0005936	.0003076	.0022742	.001105	.037561	.0038223
%RSD	3.878225	2.694223	35.81416	1.642576	23.40875	2.640071	55.96330
#1	1.115106	.0215229	.0005443	.1370540	-.004570	1.451627	.0076633
#2	1.123616	.0226844	.0011589	.1372254	-.005893	1.436300	.0026598
#3	1.195911	.0218908	.0008732	.1410759	-.003698	1.380274	.0101669

Sample Name: Q3601-12 Acquired: 11/11/2025 17:46:52 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.569170	-.028924	.2256854
Stddev	.004592	.005281	.0004435
%RSD	.1286602	18.25820	.1965018
#1	3.574433	-.034482	.2260410
#2	3.567099	-.023972	.2251885
#3	3.565978	-.028317	.2258268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2410.820	34377.29	2569.173	3124.583	3500.912
Stddev	9.980	62.50	11.376	5.502	11.604
%RSD	.4139632	.1818181	.4427902	.1760885	.3314616
#1	2416.428	34326.22	2556.037	3119.268	3506.032
#2	2399.298	34358.66	2575.742	3130.255	3487.628
#3	2416.734	34446.99	2575.739	3124.226	3509.075

Sample Name: Q3601-16 Acquired: 11/11/2025 17:51:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000735**	**.0052298**	**.0987820**	**-.001764**	**-.001557**	**.0411116**	**.1611810**
Stddev	.009459	.0034107	.0030205	.003570	.001194	.0176942	.0048830
%RSD	1286.323	65.21688	3.057769	202.3065	76.64614	43.03946	3.029496
#1	-.010010	.0081890	.0975633	.002323	-.000182	.0224690	.1623811
#2	.008898	.0014996	.0965611	-.004270	-.002329	.0431924	.1653520
#3	-.001094	.0060009	.1022214	-.003346	-.002161	.0576734	.1558098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000132**	**.0004123**	**156.5673**	**.0119996**	**.0026754**	**.0083975**	**.0545171**
Stddev	.000121	.0001310	.3084	.0004875	.0003354	.0004233	.0483693
%RSD	91.29838	31.77450	.1969485	4.062261	12.53693	5.040158	88.72310
#1	-.000031	.0002955	156.4595	.0114488	.0025324	.0085039	-.000414
#2	-.000266	.0005539	156.9151	.0121746	.0024351	.0087574	.090730
#3	-.000100	.0003874	156.3274	.0123754	.0030586	.0079312	.073236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0892149**	**2.299004**	**.0250199**	**-.002493**	**291.3773**	**-.006617**	**.0559615**
Stddev	.0006928	.079951	.0008352	.001269	.7397	.005721	.0002436
%RSD	.7765895	3.477644	3.338003	50.89925	.2538668	86.46050	.4352138
#1	.0899812	2.391282	.0249738	-.002815	290.7236	-.011162	.0557281
#2	.0886329	2.250474	.0242088	-.001094	292.1803	-.008497	.0562141
#3	.0890304	2.255256	.0258772	-.003570	291.2281	-.000192	.0559423

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2108508**	**.0142129**	**.0022026**	**.0310145**	**-.006356**	**2.458356**	**.0398624**
Stddev	.1828320	.0018470	.0002725	.0001596	.005850	.033713	.0024423
%RSD	86.71155	12.99553	12.37004	.5145382	92.03905	1.371362	6.126781
#1	.1491769	.0139209	.0023162	.0311573	.000295	2.436227	.0417750
#2	.0668312	.0125292	.0018917	.0310440	-.010705	2.497156	.0407008
#3	.4165442	.0161885	.0023999	.0308423	-.008659	2.441684	.0371113

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-16 Acquired: 11/11/2025 17:51:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**2.816275**	**-.040069**	**.7913299**
Stddev	.019750	.006689	.0010731
%RSD	.7012697	16.69409	.1356132
#1	2.821319	-.038618	.7924874
#2	2.833014	-.047365	.7903679
#3	2.794493	-.034225	.7911345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2398.137**	**33910.70**	**2553.897**	**3078.618**	**3450.800**
Stddev	5.496	149.18	15.001	24.495	9.011
%RSD	.2291647	.4399313	.5873733	.7956464	.2611225
#1	2395.412	33906.61	2543.123	3091.713	3454.762
#2	2404.462	33763.61	2547.538	3050.359	3457.152
#3	2394.536	34061.89	2571.030	3093.781	3440.487

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-20 Acquired: 11/11/2025 17:55:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006700**	**.0058851**	**.0203910**	**-.002974**	**-.005168**	**.0333031**	**.2762549**
Stddev	.003926	.0065607	.0022175	.006177	.002273	.0474052	.0022970
%RSD	58.60305	111.4784	10.87497	207.6789	43.97243	142.3447	.8314633
#1	-.004115	.0134602	.0228441	-.007656	-.007649	.0750786	.2771610
#2	-.004766	.0020168	.0198002	.004027	-.003188	.0430479	.2736432
#3	-.011218	.0021784	.0185287	-.005295	-.004667	-.018217	.2779607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000021**	**.0020389**	**68.95675**	**.0010639**	**.0003075**	**.0192788**	**-.016503**
Stddev	.000101	.0002008	.25606	.0008331	.0003722	.0000083	.006641
%RSD	480.1166	9.846794	.3713379	78.31072	121.0598	.0429729	40.24059
#1	.000082	.0022368	68.78134	.0001501	.0003255	.0192708	-.017085
#2	-.000119	.0018354	68.83831	.0017813	.0006704	.0192781	-.009590
#3	-.000026	.0020447	69.25059	.0012601	-.000073	.0192873	-.022833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0417996**	**4.240851**	**.0044897**	**-.002039**	**336.0398**	**-.000776**	**.2352400**
Stddev	.0007129	.030287	.0010461	.001119	2.6905	.009513	.0005606
%RSD	1.705575	.7141822	23.29948	54.88872	.8006574	1225.206	.2383304
#1	.0411037	4.258413	.0048226	-.001036	334.3136	-.004760	.2349030
#2	.0425284	4.258261	.0053288	-.003247	339.1399	.010081	.2358872
#3	.0417666	4.205878	.0033177	-.001836	334.6660	-.007650	.2349299

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.370914**	**.0152452**	**.0016655**	**.0001529**	**-.001465**	**1.323536**	**.1142909**
Stddev	.138898	.0011082	.0001956	.0011222	.003208	.062949	.0020691
%RSD	37.44733	7.269057	11.74438	734.0879	218.9289	4.756148	1.810347
#1	-.500374	.0164279	.0014916	-.000334	-.001429	1.326208	.1154928
#2	-.224193	.0150771	.0016275	.001436	.001724	1.385107	.1119018
#3	-.388177	.0142307	.0018773	-.000644	-.004691	1.259294	.1154782

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-20 Acquired: 11/11/2025 17:55:19 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6418334	-.028904	.3301700
Stddev	.0063017	.004243	.0004004
%RSD	.9818290	14.67918	.1212552
#1	.6345792	-.032935	.3305287
#2	.6449668	-.029300	.3297381
#3	.6459542	-.024477	.3302432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.578	34210.98	2577.407	3066.916	3504.281
Stddev	3.932	148.23	15.498	5.906	4.402
%RSD	.1622322	.4332758	.6013129	.1925683	.1256093
#1	2419.047	34326.78	2568.512	3065.074	3499.267
#2	2425.601	34043.92	2595.303	3062.151	3507.509
#3	2426.087	34262.22	2568.406	3073.523	3506.067

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-20DUP Acquired: 11/11/2025 17:59:34 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016868	.0049242	.0222593	-.003411	-.000866	.0194426	.2783174
Stddev	.0038838	.0062057	.0004385	.002886	.003509	.0230662	.0026545
%RSD	230.2533	126.0241	1.970160	84.59099	405.1896	118.6373	.9537861
#1	-.002002	.0114785	.0226392	-.002294	-.000197	.0213875	.2766145
#2	.001323	-.000861	.0223594	-.001252	.002260	-.004534	.2769617
#3	.005740	.004155	.0217794	-.006689	-.004662	.041475	.2813761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000150	.0017520	69.10464	.0007209	.0001028	.0193456	.0129502
Stddev	.000169	.0002584	.29474	.0010480	.0003872	.0003210	.0127825
%RSD	112.9687	14.75034	.4265133	145.3786	376.5641	1.659320	98.70507
#1	-.000091	.0018540	69.16276	.0017768	.0000796	.0197005	.0022586
#2	-.000018	.0019438	68.78517	.0007051	-.000272	.0190755	.0271085
#3	-.000341	.0014581	69.36599	-.000319	.000501	.0192609	.0094836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430924	4.229294	.0041113	-.001327	353.9877	-.010627	.2362842
Stddev	.0008531	.048671	.0003510	.001020	3.5772	.002861	.0005522
%RSD	1.979631	1.150804	8.536459	76.84533	1.010538	26.92393	.2337123
#1	.0439305	4.259380	.0038138	-.001643	351.0429	-.011717	.2357728
#2	.0422251	4.255360	.0044984	-.002152	352.9516	-.007381	.2368697
#3	.0431216	4.173142	.0040217	-.000187	357.9685	-.012783	.2362103

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.307857	.0152305	.0018880	-.001472	-.008065	1.288158	.1147366
Stddev	.053693	.0026015	.0007495	.001029	.003986	.035203	.0044887
%RSD	17.44076	17.08073	39.69469	69.87418	49.42736	2.732804	3.912151
#1	-.268374	.0144507	.0011865	-.000349	-.005972	1.249944	.1138079
#2	-.286201	.0181327	.0026776	-.002367	-.012662	1.319265	.1196170
#3	-.368995	.0131081	.0018000	-.001700	-.005560	1.295265	.1107850

Sample Name: Q3601-20DUP Acquired: 11/11/2025 17:59:34 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6347819	-.028809	.3365357
Stddev	.0042850	.004725	.0011250
%RSD	.6750277	16.40268	.3342780
#1	.6302501	-.032644	.3361901
#2	.6387677	-.030253	.3356240
#3	.6353278	-.023530	.3377929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.832	33162.44	2510.640	3051.421	3394.407
Stddev	10.780	154.35	4.806	17.434	17.517
%RSD	.4571986	.4654374	.1914407	.5713437	.5160573
#1	2369.045	33278.77	2505.211	3071.072	3414.015
#2	2347.545	33221.20	2512.357	3045.382	3380.303
#3	2356.907	32987.33	2514.352	3037.809	3388.902

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-20LX5 Acquired: 11/11/2025 18:03:48 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001170**	**.0074985**	**.0051862**	**.0011731**	**.0014252**	**.0035461**	**.0513541**
Stddev	.003349	.0010762	.0020526	.0018798	.0027055	.0229367	.0024288
%RSD	286.2408	14.35188	39.57723	160.2428	189.8363	646.8170	4.729522
#1	-.001778	.0084108	.0028754	.0033296	.0041200	-.021666	.0487991
#2	-.004173	.0063116	.0067979	-.000119	.0014466	.009127	.0536331
#3	.002441	.0077730	.0058853	.000309	-.001291	.023178	.0516300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000084**	**.0002905**	**13.74729**	**.0004645**	**.0000264**	**.0034893**	**-.005449**
Stddev	.000129	.0000681	.10635	.0001747	.0003952	.0001983	.017630
%RSD	153.4546	23.43815	.7735920	37.61074	1498.305	5.684222	323.5684
#1	.000044	.0002889	13.86987	.0006525	-.000128	.0036938	-.023513
#2	-.000083	.0003594	13.67962	.0003072	.000475	.0034763	-.004544
#3	-.000213	.0002232	13.69239	.0004338	-.000268	.0032978	.011711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0086152**	**.8545888**	**.0010061**	**-.002218**	**64.48458**	**.0001270**	**.0471146**
Stddev	.0010126	.0442000	.0003010	.000918	.29418	.0047338	.0007889
%RSD	11.75420	5.172074	29.91591	41.38708	.4562085	3727.021	1.674324
#1	.0096852	.8193736	.0007265	-.001229	64.47426	.0052057	.0462092
#2	.0076718	.8402034	.0013247	-.002383	64.19569	-.000662	.0474812
#3	.0084885	.9041894	.0009671	-.003043	64.78379	-.004163	.0476535

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.278329**	**.0013924**	**.0006875**	**-.000961**	**-.004500**	**.2366504**	**.0182203**
Stddev	.185742	.0007054	.0004205	.000652	.003744	.0258814	.0006563
%RSD	66.73471	50.65926	61.16977	67.89138	83.20771	10.93654	3.602287
#1	-.428786	.0014267	.0010344	-.000236	-.003629	.2106732	.0184191
#2	-.335471	.0006705	.0008083	-.001501	-.008603	.2624348	.0187542
#3	-.070729	.0020800	.0002198	-.001144	-.001267	.2368431	.0174875

Sample Name: Q3601-20LX5 Acquired: 11/11/2025 18:03:48 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1167126	-.015754	.0669311
Stddev	.0050783	.003234	.0010963
%RSD	4.351118	20.52735	1.637973
#1	.1108556	-.018495	.0681957
#2	.1198878	-.012187	.0662491
#3	.1193944	-.016580	.0663485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.051	35109.17	2509.223	3143.847	3693.970
Stddev	2.149	163.69	12.960	18.073	3.198
%RSD	.0882973	.4662267	.5164802	.5748636	.0865791
#1	2433.399	35217.59	2494.338	3147.147	3691.268
#2	2436.450	35189.03	2517.993	3160.042	3693.142
#3	2432.303	34920.87	2515.339	3124.351	3697.501

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-20MS Acquired: 11/11/2025 18:08:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7978311	1.782255	.9720951	1.900989	.7833833	1.979085	.4529454
Stddev	.0037566	.051457	.0032853	.009587	.0053739	.009430	.0067895
%RSD	.4708565	2.887159	.3379640	.5043237	.6859797	.4764998	1.498967
#1	.7945431	1.728175	.9714740	1.899744	.7818984	1.972627	.4539929
#2	.8019255	1.830610	.9691647	1.892085	.7789080	1.989907	.4456931
#3	.7970247	1.787980	.9756467	1.911137	.7893434	1.974721	.4591504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1971816	.1996024	63.02191	.4187716	.2033193	.3170630	3.202724
Stddev	.0013256	.0002580	.09920	.0005744	.0010237	.0007282	.072696
%RSD	.6722808	.1292533	.1573983	.1371659	.5034865	.2296769	2.269812
#1	.1957016	.1995591	63.11138	.4181084	.2042541	.3178733	3.213763
#2	.1975832	.1993687	62.91524	.4190952	.2022254	.3164634	3.125140
#3	.1982600	.1998792	63.03912	.4191112	.2034785	.3168522	3.269269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2339361	5.763953	.5029268	.0696028	308.8743	.2988391	.4225789
Stddev	.0007099	.059177	.0010176	.0014617	3.7470	.0127978	.0033400
%RSD	.3034597	1.026676	.2023279	2.100077	1.213128	4.282495	.7903896
#1	.2346527	5.695654	.5033736	.0700772	312.1117	.2882661	.4262715
#2	.2339226	5.799937	.5036446	.0679628	304.7697	.2951846	.4216966
#3	.2332331	5.796269	.5017623	.0707683	309.7414	.3130666	.4197686

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38414	.2920859	.4224468	.7080645	.1923471	2.133050	6.225235
Stddev	.12953	.0024617	.0003220	.0002917	.0071530	.017154	.017294
%RSD	1.247385	.8427981	.0762268	.0412013	3.718806	.8041792	.2778070
#1	10.52073	.2901861	.4227113	.7082044	.1996442	2.151582	6.206329
#2	10.26306	.2948670	.4225409	.7082598	.1853474	2.117729	6.240256
#3	10.36865	.2912047	.4220882	.7077291	.1920497	2.129838	6.229120

Sample Name: Q3601-20MS Acquired: 11/11/2025 18:08:04 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5567420	.1616432	.4900465
Stddev	.0028730	.0006789	.0026064
%RSD	.5160394	.4199725	.5318652
#1	.5534284	.1608680	.4907653
#2	.5582601	.1619294	.4871561
#3	.5585375	.1621320	.4922180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.355	33591.90	2533.874	3039.934	3436.215
Stddev	11.576	103.21	8.150	35.002	12.984
%RSD	.4897939	.3072505	.3216375	1.151397	.3778433
#1	2349.990	33487.53	2543.201	3002.943	3421.289
#2	2370.221	33693.91	2528.129	3072.532	3444.895
#3	2369.853	33594.28	2530.291	3044.326	3442.461

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: Q3601-20MSD Acquired: 11/11/2025 18:12:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7892308	1.771993	.9583078	1.884246	.7703536	1.934155	.4619078
Stddev	.0066391	.040533	.0009534	.002881	.0025918	.042608	.0008598
%RSD	.8412110	2.287451	.0994866	.1529076	.3364448	2.202911	.1861381
#1	.7944687	1.817267	.9573142	1.884842	.7686988	1.977515	.4615450
#2	.7914596	1.759631	.9583940	1.886783	.7733405	1.892341	.4628896
#3	.7817641	1.739079	.9592151	1.881114	.7690214	1.932608	.4612890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1940431	.1970461	67.00805	.4125027	.1998701	.3118014	3.081482
Stddev	.0018098	.0002826	.04276	.0010570	.0008416	.0002930	.039881
%RSD	.9326823	.1434295	.0638108	.2562509	.4210509	.0939736	1.294226
#1	.1948408	.1967779	67.00263	.4116091	.1997374	.3117638	3.089102
#2	.1919715	.1973413	67.05326	.4122294	.1991028	.3121114	3.117004
#3	.1953171	.1970192	66.96826	.4136695	.2007701	.3115290	3.038341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2322061	6.011808	.4958731	.0685590	324.7585	.2840043	.4346695
Stddev	.0008697	.084776	.0015260	.0014731	1.6552	.0085379	.0005620
%RSD	.3745318	1.410154	.3077407	2.148709	.5096652	3.006271	.1292977
#1	.2313350	5.957927	.4941217	.0669840	325.5570	.2796864	.4342215
#2	.2322090	6.109527	.4965817	.0687902	325.8630	.2938388	.4353001
#3	.2330744	5.967971	.4969161	.0699030	322.8554	.2784878	.4344869

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.828572	.2883533	.4163208	.7037635	.1877326	2.218815	6.123737
Stddev	.024897	.0021858	.0017365	.0042277	.0043505	.038129	.016504
%RSD	.2533151	.7580139	.4170930	.6007346	2.317406	1.718426	.2695134
#1	9.804179	.2877399	.4159462	.7016124	.1845422	2.248370	6.134130
#2	9.853945	.2865398	.4182140	.7010438	.1859673	2.232299	6.132374
#3	9.827591	.2907802	.4148023	.7086342	.1926883	2.175777	6.104706

Sample Name: Q3601-20MSD Acquired: 11/11/2025 18:12:08 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5971630	.1564048	.5024759
Stddev	.0021556	.0026102	.0024596
%RSD	.3609800	1.668881	.4894948
#1	.5996506	.1544339	.5052779
#2	.5958432	.1593651	.5006733
#3	.5959952	.1554154	.5014766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.239	33610.49	2531.335	3028.301	3427.751
Stddev	7.768	87.95	9.904	17.495	17.088
%RSD	.3280191	.2616811	.3912650	.5777004	.4985229
#1	2376.954	33668.07	2528.585	3039.321	3445.619
#2	2365.719	33509.25	2542.324	3008.129	3426.066
#3	2362.044	33654.16	2523.097	3037.453	3411.567

Sample Name: Q3601-20A Acquired: 11/11/2025 18:16:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7626971	1.726398	.9395937	1.852194	.7672302	1.930309	.4688025
Stddev	.0026883	.014627	.0046335	.010910	.0054466	.028439	.0037331
%RSD	.3524670	.8472739	.4931365	.5890074	.7099042	1.473263	.7962999
#1	.7598732	1.726370	.9386775	1.864301	.7679831	1.906974	.4690015
#2	.7652253	1.741040	.9354868	1.843126	.7722612	1.921967	.4724321
#3	.7629928	1.711786	.9446168	1.849155	.7614463	1.961985	.4649739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927209	.1927022	69.51872	.3978719	.1947621	.3059574	3.019726
Stddev	.0011444	.0003548	.40648	.0004151	.0004014	.0005643	.025530
%RSD	.5937976	.1841383	.5847069	.1043348	.2061056	.1844237	.8454419
#1	.1927084	.1925170	69.31977	.3975411	.1952062	.3058800	3.013177
#2	.1938714	.1924782	69.98635	.3983377	.1944250	.3065563	2.998108
#3	.1915828	.1931113	69.25003	.3977370	.1946551	.3054357	3.047892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2334975	6.143948	.4855202	.0671848	346.5881	.2911552	.4374117
Stddev	.0027096	.110912	.0012408	.0011782	1.8867	.0085212	.0014571
%RSD	1.160447	1.805229	.2555610	1.753594	.5443709	2.926689	.3331271
#1	.2346300	6.033997	.4842442	.0683940	344.4319	.2814843	.4390092
#2	.2354572	6.255797	.4855939	.0671202	347.3961	.2975614	.4370706
#3	.2304054	6.142051	.4867225	.0660404	347.9362	.2944197	.4361555

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.639851	.2889137	.4047615	.6988871	.1860474	2.258768	6.058768
Stddev	.049990	.0056818	.0003937	.0024904	.0023640	.024979	.033038
%RSD	.5185728	1.966594	.0972554	.3563302	1.270662	1.105885	.5452872
#1	9.675375	.2863430	.4046293	.6993795	.1865355	2.234985	6.053176
#2	9.661492	.2954265	.4044509	.6961873	.1881293	2.284792	6.028883
#3	9.582688	.2849716	.4052042	.7010945	.1834774	2.256526	6.094245

Sample Name: Q3601-20A Acquired: 11/11/2025 18:16:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6296511	.1614094	.5114914
Stddev	.0064099	.0047309	.0045667
%RSD	1.018014	2.930985	.8928310
#1	.6261973	.1566007	.5080999
#2	.6257088	.1615691	.5166841
#3	.6370473	.1660584	.5096903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.565	33134.68	2479.703	3001.517	3370.910
Stddev	10.532	151.81	17.747	25.264	7.878
%RSD	.4507417	.4581478	.7156778	.8417009	.2336920
#1	2325.972	33295.56	2493.105	3021.956	3361.874
#2	2336.689	33114.51	2459.577	3009.324	3376.333
#3	2347.034	32993.96	2486.427	2973.271	3374.524

Sample Name: CCV06 Acquired: 11/11/2025 18:20:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	**5.121033**	**5.122706**	**4.990342**	**5.098373**	**5.119902**	**10.14054**	**10.11211**
Stddev	.006557	.047480	.009487	.012098	.014063	.01854	.00416
%RSD	.1280478	.9268610	.1901018	.2372887	.2746710	.1828511	.0411748
#1	5.118561	5.170707	4.990910	5.093112	5.113079	10.16190	10.11595
#2	5.116071	5.075765	4.980585	5.112211	5.136075	10.12866	10.10768
#3	5.128467	5.121646	4.999533	5.089797	5.110552	10.13105	10.11269

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2571102**	**2.522973**	**25.43865**	**1.045353**	**2.536019**	**1.292643**	**5.223860**
Stddev	.0013018	.004042	.13573	.001774	.002193	.001368	.014544
%RSD	.5062986	.1602001	.5335457	.1697151	.0864909	.1058024	.2784082
#1	.2586108	2.521278	25.38894	1.047065	2.534475	1.292363	5.207502
#2	.2562848	2.520055	25.33480	1.045473	2.535052	1.291437	5.235329
#3	.2564350	2.527587	25.59223	1.043522	2.538530	1.294129	5.228748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.518137**	**25.37735**	**2.515129**	**1.297768**	**24.84872**	**2.550832**	**2.646154**
Stddev	.003968	.11152	.005176	.001965	.27989	.015838	.009979
%RSD	.1575860	.4394293	.2058073	.1514255	1.126385	.6208943	.3771032
#1	2.516932	25.28372	2.515103	1.300001	24.53499	2.558233	2.657216
#2	2.522568	25.34760	2.509965	1.296303	24.93840	2.561615	2.643415
#3	2.514911	25.50072	2.520318	1.296999	25.07279	2.532648	2.637831

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.17994**	**5.115452**	**5.186425**	**5.072768**	**5.024586**	**5.137106**	**5.109270**
Stddev	.32899	.020350	.008201	.019045	.011831	.056001	.013618
%RSD	1.306565	.3978108	.1581175	.3754263	.2354673	1.090130	.2665420
#1	24.95469	5.138336	5.180655	5.082922	5.014535	5.085113	5.113601
#2	25.02764	5.108634	5.195812	5.050798	5.021598	5.129808	5.094013
#3	25.55748	5.099387	5.182808	5.084584	5.037625	5.196399	5.120196

Sample Name: CCV06 Acquired: 11/11/2025 18:20:17 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.006080**	**4.914323**	**5.043954**
Stddev	.009749	.006357	.004077
%RSD	.1947507	.1293659	.0808369
#1	5.015352	4.911501	5.047174
#2	4.995914	4.921603	5.045320
#3	5.006972	4.909865	5.039370

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2377.251**	**34501.06**	**2527.429**	**3062.652**	**3519.551**
Stddev	4.445	160.10	19.502	15.974	.565
%RSD	.1869906	.4640449	.7715980	.5215815	.0160566
#1	2379.792	34347.07	2506.563	3048.934	3519.212
#2	2372.119	34489.46	2530.530	3058.832	3519.237
#3	2379.843	34666.64	2545.195	3080.190	3520.203

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCB06 Acquired: 11/11/2025 18:24:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002879**	**.0028105**	**-.000608**	**-.002588**	**.0004221**	**-.014843**	**.0036926**
Stddev	.005371	.0059423	.001906	.003869	.0026064	.006293	.0039109
%RSD	186.5815	211.4306	313.2887	149.4892	617.4324	42.39749	105.9136
#1	-.006322	.0065548	.001303	-.003164	-.000899	-.022033	.0071462
#2	-.005624	.0059181	-.002510	-.006137	.003425	-.012161	-.000554
#3	.003310	-.004041	-.000618	.001537	-.001259	-.010335	.004486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000083**	**.0000834**	**.0545488**	**.0013928**	**-.000047**	**-.000640**	**-.017418**
Stddev	.000026	.0001488	.0683246	.0007002	.000490	.000457	.036697
%RSD	30.78479	178.3782	125.2541	50.27343	1040.814	71.37252	210.6905
#1	-.000088	.0002139	.0400364	.0015688	-.000471	-.001127	-.053699
#2	-.000055	.0001152	-.005354	.0019882	.000489	-.000572	-.018237
#3	-.000106	-.000079	.128964	.0006214	-.000159	-.000221	.019682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006946**	**-.013376**	**.0008937**	**-.001384**	**.3132024**	**-.000776**	**.0009300**
Stddev	.0010117	.026920	.0003402	.000226	.1303122	.011400	.0002519
%RSD	145.6540	201.2518	38.06123	16.30933	41.60638	1469.922	27.07998
#1	.0017248	-.020335	.0012541	-.001368	.1641651	-.011983	.0010896
#2	.0006563	.016340	.0005782	-.001618	.3697715	.010808	.0010608
#3	-.000297	-.036134	.0008488	-.001167	.4056706	-.001152	.0006397

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3497741**	**.0078508**	**.0015063**	**.0006245**	**.0015022**	**-.024063**	**-.003564**
Stddev	.2362528	.0018984	.0003446	.0016078	.0015653	.030651	.001057
%RSD	67.54440	24.18084	22.87597	257.4450	104.1997	127.3794	29.65353
#1	.1312270	.0060837	.0018893	.0018074	.0000153	.006804	-.003022
#2	.3176500	.0098577	.0012212	-.001206	.0013558	-.054493	-.004781
#3	.6004452	.0076112	.0014085	.001272	.0031356	-.024498	-.002888

Reviewed By:mohan
On:11/14/2025 4:13:38 PM
Inst Id :P4
LB :LB137883

Sample Name: CCB06 Acquired: 11/11/2025 18:24:13 Type: Unk
Method: 6010-200.7 NEW(v354) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000996**	**-.006413**	**.0007134**
Stddev	.006700	.006229	.0003071
%RSD	672.5167	97.13253	43.04282
#1	-.008150	-.013418	.0004710
#2	.005131	-.001495	.0010587
#3	.000031	-.004327	.0006105

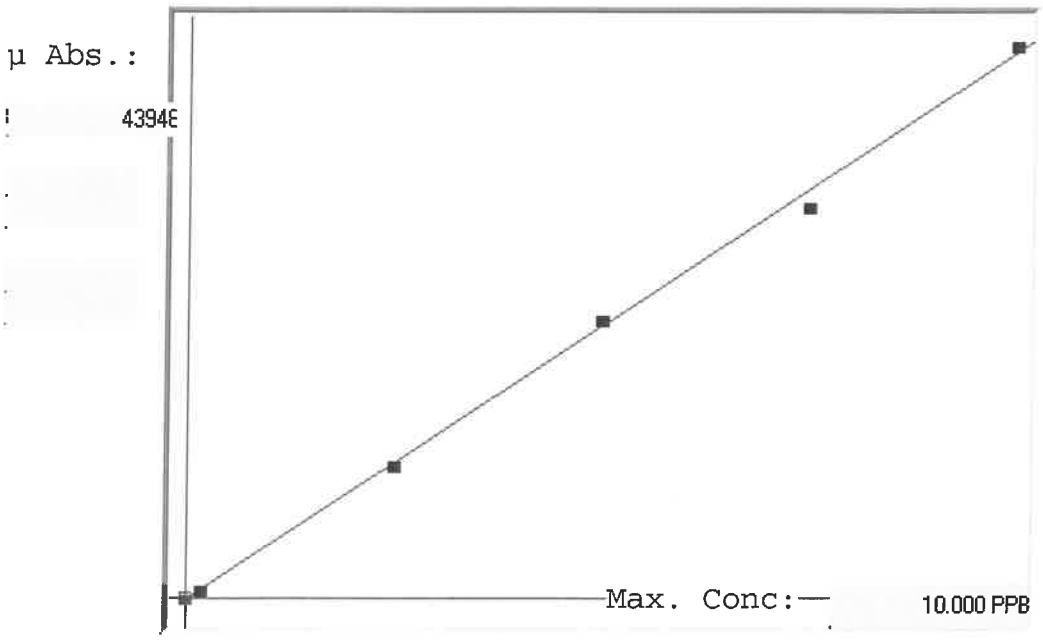
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2394.624**	**34009.12**	**2503.466**	**3063.344**	**3796.842**
Stddev	2.957	164.25	16.170	17.996	2.953
%RSD	.1235045	.4829572	.6459211	.5874562	.0777725
#1	2391.415	33942.84	2502.751	3046.981	3799.863
#2	2395.218	33888.36	2519.982	3060.432	3796.701
#3	2397.239	34196.15	2487.664	3082.618	3793.963

LB137868

7470A

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 2.3013e-004

C= 3.8619e-002

Rho= 0.9991465

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	0.033	0.033	-25	0.000	-25	0			
0.2	0.200	0.206	0.006	726	0.0 %	726	0			
2.5	2.500	2.476	-0.024	10591	0.0 %	10591	0			
5.0	5.000	5.141	0.141	22172	0.0 %	22172				
7.5	7.500	7.192	-0.308	31086	0.0 %	31086				
10.0	10.000	10.152	0.152	43948	0.0 %	43948				

Reviewed By:jaswal
On:11/13/2025 4:19:49 PM
Inst Id :CV1
LB :LB137868

LB137868 INSTRUMENT ID : CV1

Method: 7470A Operator: Admin Date of Analysis: 12 Nov 2025 14:09:14

Type	Sample ID	Extended ID	Conc.	µ Abs.	Units	Type	Stnd Conc	Method	Date
S	0.0 - 1	50	-	-25	PPB	Std	0.0000	7470A	12 Nov 2025 14:15:18
S	0.2 - 1	50.2	-	726	PPB	Std	0.2000	7470A	12 Nov 2025 14:17:36
S	2.5 - 1	52.5	-	10591	PPB	Std	2.5000	7470A	12 Nov 2025 14:19:53
S	5.0 - 1	55	-	22172	PPB	Std	5.0000	7470A	12 Nov 2025 14:25:05
S	7.5 - 1	57.5	-	31086	PPB	Std	7.5000	7470A	12 Nov 2025 14:27:22
S	10.0 - 1	510	-	43948	PPB	Std	10.0000	7470A	12 Nov 2025 14:29:38
U	ICV111 - 1	ICV111	3.8178	16422	PPB	SMPL	-	7470A	12 Nov 2025 14:32:34
U	ICB111 - 1	ICB111	0.0556	74	PPB	SMPL	-	7470A	12 Nov 2025 14:34:49
U	CCV66 - 1	CCV66	5.1249	22102	PPB	SMPL	-	7470A	12 Nov 2025 14:39:45
U	CCB66 - 1	CCB66	0.0701	137	PPB	SMPL	-	7470A	12 Nov 2025 14:42:00
U	CRA - 1	CRA	0.2266	817	PPB	SMPL	-	7470A	12 Nov 2025 14:44:15
U	HighStd - 1	HighStd	10.0970	43708	PPB	SMPL	-	7470A	12 Nov 2025 14:46:30
U	ChkStd - 1	ChkStd	6.2640	27052	PPB	SMPL	-	7470A	12 Nov 2025 14:48:45
U	PB170511BL - 1	PBW	0.0536	65	PPB	SMPL	-	7470A	12 Nov 2025 14:51:01
U	PB170511BS - 1	LCSW	3.9015	16786	PPB	SMPL	-	7470A	12 Nov 2025 14:59:41
U	Q3574-02 - 1	304641-01 Liquid	0.0455	30	PPB	SMPL	-	7470A	12 Nov 2025 15:02:28
U	Q3604-01 - 1	S-1	0.0609	97	PPB	SMPL	-	7470A	12 Nov 2025 15:05:05
U	Q3604-02 - 1	S-2	0.0828	192	PPB	SMPL	-	7470A	12 Nov 2025 15:07:22
U	Q3604-02DUP - 1	S-2DUP	0.0738	153	PPB	SMPL	-	7470A	12 Nov 2025 15:09:39
U	Q3604-02MS - 1	S-2MS	3.9317	16917	PPB	SMPL	-	7470A	12 Nov 2025 15:14:14
U	CCV67 - 1	CCV67	5.0752	21886	PPB	SMPL	-	7470A	12 Nov 2025 15:16:29
U	CCB67 - 1	CCB67	0.0614	99	PPB	SMPL	-	7470A	12 Nov 2025 15:18:44
U	Q3604-02MSD - 1	S-2MSD	3.9031	16793	PPB	SMPL	-	7470A	12 Nov 2025 15:20:59
U	PB170490TB - 1	PB170490TB	0.0683	129	PPB	SMPL	-	7470A	12 Nov 2025 15:23:15
U	PB170493TB - 1	PB170493TB	0.0674	125	PPB	SMPL	-	7470A	12 Nov 2025 15:25:31
U	Q3604-02LX5 - 1		0.0492	46	PPB	SMPL	-	7470A	12 Nov 2025 15:27:47
U	Q3604-02A - 1		3.9031	16793	PPB	SMPL	-	7470A	12 Nov 2025 15:30:02
U	CCV68 - 1	CCV68	4.9633	21400	PPB	SMPL	-	7470A	12 Nov 2025 15:32:19
U	CCB68 - 1	CCB68	0.0490	45	PPB	SMPL	-	7470A	12 Nov 2025 15:34:36

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170507

SOP ID : M3010A-Digestion-17

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: 11/12/2025 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 11/12/2025 **Time :** 15:32 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLD

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/12/25 16:32	SLD metals	SA Metals lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170507

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170490TB	PB170490TB	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170493TB	PB170493TB	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	2
PB170507BL	PBW507	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
PB170507BS	LCS507	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	4
Q3574-02	304641-01 LIQUID	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3604-01	S-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3604-02	S-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3604-02MS	S-2MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	9
Q3604-02MSD	S-2MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	10
Q3604-02DUP	S-2DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170493

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170493TB	LEB493	03	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1
Q3604-01	S-1	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q3604-02	S-2	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170490

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170490TB	LEB490	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.5	N/A
Q3574-02	304641-01 Liquid	N/A	N/A	N/A	N/A	N/A	N/A	6.6	1.0	N/A

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170511

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 11/12/2025 **Time :** 11:30 **Temp :** 94 °C

End Digest Date: 11/12/2025 **Time :** 13:30 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87939
CCV	30mL	MP87941
CRA	30mL	MP87943
Blank Spike	0.48mL	MP87932
Matrix Spike	0.48mL	MP87932

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87933
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87934
2.5 ppb	S2.5	30mL	MP87935
5.0 ppb	S5.0	30mL	MP87936
7.5 ppb	S7.5	30mL	MP87937
10.0 ppb	S10.0	30mL	MP87938
ICV	ICV	30mL	MP87939
ICB	ICB	30mL	MP87940
CCV	CCV	30mL	MP87941
CCB	CCB	30mL	MP87942
CRI	CRI	30mL	MP87943
CHK STD	CHK STD	30mL	MP87944

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/12/25 14:00	ORB - Dig. Lab	ORB - General Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170511

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170490TB	PB170490TB	3	30	<2	N/A	3-1
PB170493TB	PB170493TB	3	30	<2	N/A	2
PB170511BL	PBW511	30	30	<2	N/A	3
PB170511BS	LCS511	30	30	<2	MP87932	4
Q3574-02	304641-01 LIQUID	3	30	<2	N/A	5
Q3604-01	S-1	3	30	<2	N/A	6
Q3604-02	S-2	3	30	<2	N/A	7
Q3604-02MS	S-2MS	3	30	<2	MP87932	9
Q3604-02MSD	S-2MSD	3	30	<2	MP87932	10
Q3604-02DUP	S-2DUP	3	30	<2	N/A	8

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170493

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170493TB	LEB493	03	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1
Q3604-01	S-1	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q3604-02	S-2	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170490

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170490TB	LEB490	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.5	N/A
Q3574-02	304641-01 Liquid	N/A	N/A	N/A	N/A	N/A	N/A	6.6	1.0	N/A

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137868

Review By	mohan	Review On	11/13/2025 4:18:14 PM
Supervise By	jaswal	Supervise On	11/13/2025 4:19:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87933,MP87934,MP87935,MP87936,MP87937,MP87938
ICV Standard	MP87939
CCV Standard	MP87941
ICSA Standard	
CRI Standard	MP87943
LCS Standard	
Chk Standard	MP87940,MP87942,MP87944,MP87946

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/12/25 14:15		mohan	OK
2	S0.2	S0.2	CAL2	11/12/25 14:17		mohan	OK
3	S2.5	S2.5	CAL3	11/12/25 14:19		mohan	OK
4	S5	S5	CAL4	11/12/25 14:25		mohan	OK
5	S7.5	S7.5	CAL5	11/12/25 14:27		mohan	OK
6	S10	S10	CAL6	11/12/25 14:29		mohan	OK
7	ICV111	ICV111	ICV	11/12/25 14:32		mohan	OK
8	ICB111	ICB111	ICB	11/12/25 14:34		mohan	OK
9	CCV66	CCV66	CCV	11/12/25 14:39		mohan	OK
10	CCB66	CCB66	CCB	11/12/25 14:42		mohan	OK
11	CRA	CRA	CRDL	11/12/25 14:44		mohan	OK
12	HighStd	HighStd	HIGH STD	11/12/25 14:46		mohan	OK
13	ChkStd	ChkStd	SAM	11/12/25 14:48		mohan	OK
14	PB170511BL	PB170511BL	MB	11/12/25 14:51		mohan	OK
15	PB170511BS	PB170511BS	LCS	11/12/25 14:59		mohan	OK
16	Q3574-02	304641-01 Liquid	SAM	11/12/25 15:02		mohan	OK
17	Q3604-01	S-1	SAM	11/12/25 15:05		mohan	OK
18	Q3604-02	S-2	SAM	11/12/25 15:07		mohan	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137868

Review By	mohan	Review On	11/13/2025 4:18:14 PM
Supervise By	jaswal	Supervise On	11/13/2025 4:19:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87933,MP87934,MP87935,MP87936,MP87937,MP87938
ICV Standard	MP87939
CCV Standard	MP87941
ICSA Standard	
CRI Standard	MP87943
LCS Standard	
Chk Standard	MP87940,MP87942,MP87944,MP87946

19	Q3604-02DUP	S-2DUP	DUP	11/12/25 15:09		mohan	OK
20	Q3604-02MS	S-2MS	MS	11/12/25 15:14		mohan	OK
21	CCV67	CCV67	CCV	11/12/25 15:16		mohan	OK
22	CCB67	CCB67	CCB	11/12/25 15:18		mohan	OK
23	Q3604-02MSD	S-2MSD	MSD	11/12/25 15:20		mohan	OK
24	PB170490TB	PB170490TB	MB	11/12/25 15:23		mohan	OK
25	PB170493TB	PB170493TB	MB	11/12/25 15:25		mohan	OK
26	Q3604-02L	S-2L	SD	11/12/25 15:27		mohan	OK
27	Q3604-02A	S-2A	PS	11/12/25 15:30		mohan	OK
28	CCV68	CCV68	CCV	11/12/25 15:32		mohan	OK
29	CCB68	CCB68	CCB	11/12/25 15:34		mohan	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137883

Review By	jaswal	Review On	11/14/2025 12:45:24 PM
Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM

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

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/12/25 16:21		Jaswal	OK
2	S1	S1	CAL2	11/12/25 16:26		Jaswal	OK
3	S2	S2	CAL3	11/12/25 16:30		Jaswal	OK
4	S3	S3	CAL4	11/12/25 16:34		Jaswal	OK
5	S4	S4	CAL5	11/12/25 16:38		Jaswal	OK
6	S5	S5	CAL6	11/12/25 16:42		Jaswal	OK
7	ICV01	ICV01	ICV	11/12/25 16:56		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/12/25 17:25		Jaswal	OK
9	ICB01	ICB01	ICB	11/12/25 17:35		Jaswal	OK
10	ICSA01	ICSA01	ICSA	11/12/25 17:44		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	11/12/25 17:48		Jaswal	OK
12	ICSADL	ICSADL	ICSA	11/12/25 17:52		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	11/12/25 17:57		Jaswal	OK
14	CCV01	CCV01	CCV	11/12/25 18:01		Jaswal	OK
15	CCB01	CCB01	CCB	11/12/25 18:13		Jaswal	OK
16	PB170507BL	PB170507BL	MB	11/12/25 18:17		Jaswal	OK
17	PB170507BS	PB170507BS	LCS	11/12/25 18:22		Jaswal	OK
18	Q3574-02	304641-01 Liquid	SAM	11/12/25 18:26		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137883

Review By	jaswal	Review On	11/14/2025 12:45:24 PM
Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM

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ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	PB170490TB	PB170490TB	MB	11/12/25 18:34		Jaswal	OK
20	PB170493TB	PB170493TB	MB	11/12/25 18:38		Jaswal	OK
21	Q3604-01	S-1	SAM	11/12/25 18:43		Jaswal	OK
22	Q3604-02	S-2	SAM	11/12/25 18:47		Jaswal	OK
23	Q3604-02DUP	S-2DUP	DUP	11/12/25 18:51		Jaswal	OK
24	Q3604-02L	S-2L	SD	11/12/25 18:55		Jaswal	OK
25	Q3604-02MS	S-2MS	MS	11/12/25 19:00		Jaswal	OK
26	CCV02	CCV02	CCV	11/12/25 19:04		Jaswal	OK
27	CCB02	CCB02	CCB	11/12/25 19:24		Jaswal	OK
28	Q3604-02MSD	S-2MSD	MSD	11/12/25 19:28		Jaswal	OK
29	Q3604-02A	S-2A	PS	11/12/25 19:32	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
30	PB170508BL	PB170508BL	MB	11/12/25 19:47		Jaswal	OK
31	PB170508BS	PB170508BS	LCS	11/12/25 19:51		Jaswal	OK
32	Q3603-01	SHORT-HILLS-DW	SAM	11/12/25 20:00		Jaswal	OK
33	Q3603-01DUP	SHORT-HILLS-DWDU	DUP	11/12/25 20:04		Jaswal	OK
34	Q3603-01L	SHORT-HILLS-DWL	SD	11/12/25 20:08		Jaswal	OK
35	Q3603-01MS	SHORT-HILLS-DWMS	MS	11/12/25 20:12		Jaswal	OK
36	Q3603-01MSD	SHORT-HILLS-DWMS	MSD	11/12/25 20:16		Jaswal	OK
37	Q3603-01A	SHORT-HILLS-DWA	PS	11/12/25 20:20	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137883

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Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM

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ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

38	CCV03	CCV03	CCV	11/12/25 20:29		Jaswal	OK
39	CCB03	CCB03	CCB	11/12/25 20:37		Jaswal	OK
40	LR-1	LR-1	HIGH STD	11/12/25 20:52		Jaswal	OK
41	PB170509BL	PB170509BL	MB	11/12/25 20:58		Jaswal	OK
42	PB170509BS	PB170509BS	LCS	11/12/25 21:03		Jaswal	OK
43	Q3607-01	Basement Kitchen sin	SAM	11/12/25 21:07		Jaswal	OK
44	Q3607-02	1st Fl adult bathroom	SAM	11/12/25 21:11		Jaswal	OK
45	Q3607-03	1st Fl drinking fountai	SAM	11/12/25 21:15		Jaswal	OK
46	Q3607-04	1st Fl kids bathroom le	SAM	11/12/25 21:29		Jaswal	OK
47	Q3607-05	1st Fl kids bathroom le	SAM	11/12/25 21:34		Jaswal	OK
48	Q3607-06	1st Fl kids right 1st dra	SAM	11/12/25 21:38		Jaswal	OK
49	Q3607-07	main hall right sink 1st	SAM	11/12/25 21:42		Jaswal	OK
50	CCV04	CCV04	CCV	11/12/25 21:46		Jaswal	OK
51	CCB04	CCB04	CCB	11/12/25 22:03		Jaswal	OK
52	CRI01	CRI01	CRDL	11/12/25 22:07		Jaswal	OK
53	CCV05	CCV05	CCV	11/12/25 22:16		Jaswal	OK
54	CCB05	CCB05	CCB	11/12/25 22:20		Jaswal	OK
55	Q3607-08	main hall right sink 2n	SAM	11/12/25 22:24		Jaswal	OK
56	Q3607-09	main hall left sink 1st	SAM	11/12/25 22:28		Jaswal	OK
57	Q3607-09DUP	main hall left sink 1st	DUP	11/12/25 22:32		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137883

Review By	jaswal	Review On	11/14/2025 12:45:24 PM
Supervise By	mohan	Supervise On	11/14/2025 4:13:38 PM

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ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

58	Q3607-09L	main hall left sink 1st (	SD	11/12/25 22:36		Jaswal	OK
59	Q3607-09MS	main hall left sink 1st (	MS	11/12/25 22:41		Jaswal	OK
60	Q3607-09MSD	main hall left sink 1st (	MSD	11/12/25 22:45		Jaswal	OK
61	Q3607-09A	main hall left sink 1st (	PS	11/12/25 22:49	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
62	CCV06	CCV06	CCV	11/12/25 22:53		Jaswal	OK
63	CCB06	CCB06	CCB	11/12/25 22:57		Jaswal	OK

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170490

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 40819719

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature :

Supervisor By : 12

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

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
N/A	N/A	N/A
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. q3574-02 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/12/25 10:30		SLS. Inst Dig
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170490

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170490TB	LEB490	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.5	N/A
Q3574-02	304641-01 Liquid	N/A	N/A	N/A	N/A	N/A	N/A	6.6	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170490TB	LEB490	N/A	N/A	N/A	N/A	N/A	N/A
Q3574-02	304641-01 Liquid	N/A	N/A	N/A	N/A	<0.5	N/A

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: Q3574

COC Number:

CLIENT INFORMATION

COMPANY: Pacific Commercial Services, Inc.
ADDRESS: 91-254 Olai Street
CITY Kapolei STATE: HI ZIP: 96707
ATTENTION: Wendi Zheng
PHONE: 808-545-4599 FAX:

PROJECT INFORMATION

PROJECT NAME: Kilo Pier
PROJECT #: 304641-01 LOCATION: JBPHH
PROJECT MANAGER: Wendi Zheng, Daniel Barragan
E-MAIL: Wendi.Zheng@pcshi.com
PHONE:808-729-0889 FAX:

BILLING INFORMATION

BILL TO: Pacific Commercial Services PO#
ADDRESS: PO Box 235117
CITY: Honolulu STATE: HI ZIP: 96823
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

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format_____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____

ANALYSIS

	TPH GC	GRO	VOC	PCB	Priority metals	RCRA 8 TCLP metals	pH	Flash point	PAH
	1	2	3	4	5	6	7	8	9
PRESERVATIVES		A	A						
	1	2	3	4	5	6	7	8	9
1. 304641-01-~~Wash water~~ liquid		X	11/4/25	8:45	9	X	X	X	X	X	X	X	X	X
2. 304614-01-Fuel		X	11/4/25	8:45	1							X	
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10.													

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles

COMMENTS

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Amrit Krishna	11/4/25	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.	11/6/25 10:35	2.
RELINQUISHED BY	DATE/TIME 9:40	RECEIVED FOR LAB BY
3.	11/7/25	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 2.3 °C
☐ Ice in Cooler?: Yes
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:
13.7 + 0.2 = 13.9 (FEDEX)
IR Gun #1

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

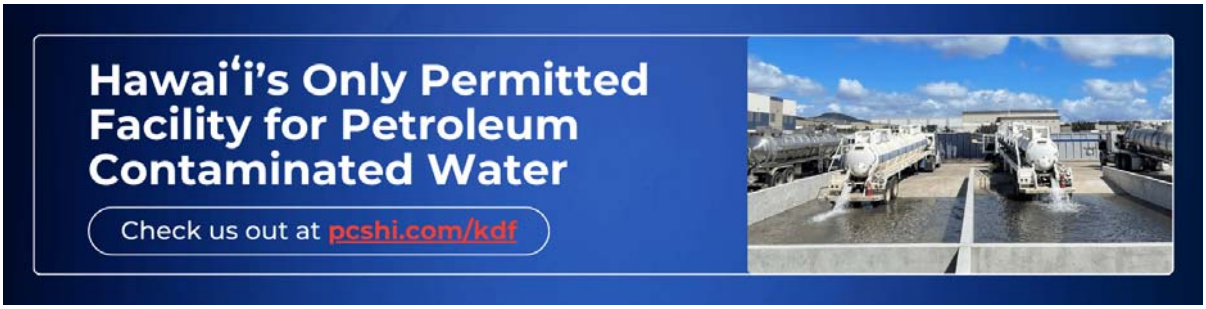
From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Monday, November 10, 2025 12:10 PM
Subject: Re: low volume

Hi Deepak,

Please remove PCB testing. Thank you.

Mahalo,

WENDI ZHENG, P.E.
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
(808) 545-4599 | (808)-729-0889
Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823



From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, November 10, 2025 6:36:58 AM
To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>
Subject: Re: low volume

hello,

just following bellowed email.

Thanks & Regards,

Deepak Parmar
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XoqFf4B-TCQ?u=http://www.alliancetg.com

---

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, November 10, 2025 9:44 AM
To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>
Subject: Re: low volume

good morning,

lab received only two ambers for three different analysis PCB,SVOC and THP GC. It's not enough volume to do all three analyses. let us know to procced with analysis ?

Thanks & Regards,

Deepak Parmar
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XoqFf4B-TCQ?u=http://www.alliancetg.com

---

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, November 3, 2025 9:23 AM

To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>
Subject: Re: Lab accreditation

Good morning,

The address is correct and see attached COC.

Sample Receiving
284 Sheffield Street
Mountainside, NJ 07092

Thanks & Regards,

Deepak Parmar
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XoqFf4B-TCQ?u=http://www.alliancetg.com

---

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Monday, November 3, 2025 12:43 AM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>
Subject: RE: Lab accreditation

Hi Mohammad and Deepak,

We are planning to send out the sample in a couple days. Can you please confirm the address is 284 Sheffield St, Ste 1, Mountainside, NJ 07092 and provide the electronic COC? Thank you.

Mahalo,

WENDI ZHENG, P.E.
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
(808) 545-4599 | (808)-729-0889
Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823

From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Sent: Thursday, October 30, 2025 6:36 AM
To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: Re: Lab accreditation

Wendi,
yes.

Alliance TECHNICAL GROUP 25
There's a better way.

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/579858cd/1XwBLU0MzEOueUPGfi45Yw?u=http://

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Thursday, October 30, 2025 12:30 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: RE: Lab accreditation

Thank you Mohammad!

Is preservative for GRO/VOC HCl? Priority metals with HNO3?

Mahalo,

WENDI ZHENG, P.E.
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
(808) 545-4599 | (808)-729-0889
Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823

From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Sent: Thursday, October 30, 2025 6:26 AM
To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: Re: Lab accreditation

Wendi,
we will need following .

- TPH GC 1L Amber
- GRO 2 40ML VOA vials preserve
- VOC 2 40ML VOA vials preserve
- PCB 1L Amber
- Priority metals, including RCRA 8 metals 1 preserve 250ml plastic
- TCLP RCRA 8 metals non preserve 1 500ml plastic
- Flash point (we can run this test). 1 500ml plastic (this will be used for pH and Flash point
- pH
- PAH 1L Amber

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/7df9f984/8lGSGRy6gUG1i64iMgA92g?u=http://ww

There's a better way.

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Thursday, October 30, 2025 12:14 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: RE: Lab accreditation

Hi Mohammad and Deepak,

For the project we need analysis now the matrix is 10% jet fuel and 90% water. We would like to analyze the water phase for all analysis plus flash point testing on the fuel. Thank you.

Mahalo,

Wendi Zheng, P.E.
Environmental Engineer

Pacific Commercial Services, Inc.
91-254 Olai Street, Kapolei, HI 96707
Cell: 808-729-0889

Office: 808-545-4599
Website: www.pcshi.com

Mahalo,

WENDI ZHENG, P.E.
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
(808) 545-4599 | (808)-729-0889

Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823

From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Sent: Thursday, October 30, 2025 6:02 AM
To: Wendi Zheng <Wendi.Zheng@pcshi.com>
Cc: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: Re: Lab accreditation

Hi Wendi,

Thank you for confirming the details and for sending over the signed quote.

I'm cc'ing Deepak, who will be the Project Manager for this effort moving forward. He will coordinate all logistics, including sample container requests, shipping, and the electronic Chain of Custody (COC) file you mentioned.

Quick question: I'm assuming these samples are aqueous in nature — a mixture of fuel and water. Could you please confirm whether we are analyzing **both layers** or **just the water layer**? Once I have that clarification, I'll be able to advise on the appropriate bottles and the volume required.

Please feel free to reach out to Deepak directly for any operational or scheduling needs for future projects. I'll remain available for any technical questions or support as needed.

Looking forward to a smooth and successful collaboration.

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900

Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Thursday, October 30, 2025 11:41 AM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Reza Tand <Reza.Tand@AllianceTG.com>
Subject: RE: Lab accreditation

Hi Mohammad,

Thank you very much for the quick response. Attached is the signed quote. Please see below answers highlighted.

Can you please let me know what sample containers you will need for the testing? Can you send me an electronic COC file?

1. Will you require a **Level 1 or Level 2 data package**? Level 2
2. Do you need any **Electronic Data Deliverables (EDD)**? Not for this project
3. For **PAH analysis**, do you need **low-level detection limits** or standard limits? Standard limits.

Mahalo,

WENDI ZHENG, P.E.

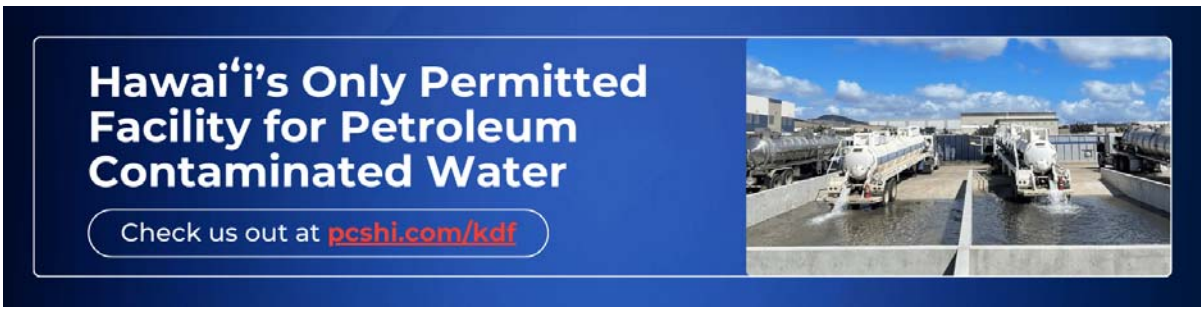
Sr. Environmental Engineer

Pacific Commercial Services, Inc.

(808) 545-4599 | (808)-729-0889

Wendi.Zheng@pcshi.com | www.pcshi.com

P.O. Box 235117 Honolulu, HI 96823



From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Sent: Thursday, October 30, 2025 5:21 AM
To: Wendi Zheng <Wendi.Zheng@pcshi.com>
Cc: Reza Tand <Reza.Tand@AllianceTG.com>
Subject: Re: Lab accreditation

Hi Wendi,

It's a pleasure to meet you, and thank you for reaching out.

Our New Jersey lab is DOD certified and fully equipped to perform the analyses you listed for the fuel and water mixture sample. Please see the attached quote for your review.

To ensure we process your samples accurately and efficiently upon arrival, could you please confirm the following:

1. Will you require a **Level 1 or Level 2 data package**?
2. Do you need any **Electronic Data Deliverables (EDD)**?
3. For **PAH analysis**, do you need **low-level detection limits** or standard limits?

We look forward to working with you and supporting your project needs.

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900

Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

https://link.edgepilot.com/s/5b101028/_g3snDVeGECVDnZabnPQYg?u=http:/

From: Reza Tand <Reza.Tand@AllianceTG.com>
Sent: Thursday, October 30, 2025 10:28 AM
To: wendi.zheng@pcshi.com <wendi.zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Amy Getz <Amy.Getz@alliancetg.com>; Jennifer Woolf <Jennifer.Woolf@AllianceTG.com>
Subject: RE: Lab accreditation

Hi Wendi ,

Our Ohio lab is not DOD certified but our NJ location is DOD certified .

I have the NJ lab director (Mohammad) included here which will provide a quote for your request .

@Mohammad Ahmed please process Wendi's request for cost proposal .

Thanks,

Reza

Reza Tand (He/Him)

Lab Director

Tel: 330-253-8211

Fax: 330-253-4489

Mobile: 774-329-9164

Address: 3310, Win St, Cuyahoga falls, Ohio 44223

https://link.edgepilot.com/s/5b101028/_g3snDVeGECVDnZabnPQYg?u=http://www.alliancetg.com/

Please note, my new email address will be Reza.Tand@alliancetg.com. Please ask your IT department to whitelist the following domain from which you could receive email contact from Alliance to ensure emails do not go into the SPAM file: AllianceTG.com

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From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Wednesday, October 29, 2025 3:16 PM
To: Amy Getz <Amy.getz@alliancetg.com>
Cc: Jennifer Woolf <jennifer.woolf@alliancetg.com>
Subject: FW: Lab accreditation

Hi Amy,

Could you please let me know if your lab is DOD accredited? We have a fuel and water mixture sample need testing as below. Thank you.

- Water

Mahalo,

WENDI ZHENG, P.E.

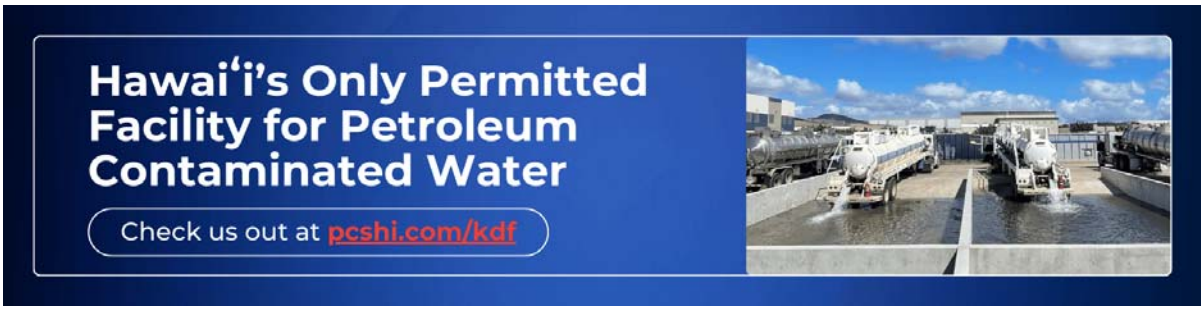
Sr. Environmental Engineer

Pacific Commercial Services, Inc.

(808) 545-4599 | (808)-729-0889

Wendi.Zheng@pcshi.com | www.pcshi.com

P.O. Box 235117 Honolulu, HI 96823



From: Wendi Zheng
Sent: Wednesday, October 29, 2025 9:13 AM
To: Jennifer Woolf <jennifer.woolf@alliancetg.com>
Subject: Lab accreditation

Hi Jennifer,

Could you please let me know if your lab is DOD accredited? We have a fuel and water mixture sample need testing as below. Thank you.

- TPH G/D/O
- VOC
- PCB
- Priority metals, including RCRA 8 metals
- TCLP RCRA 8 metals
- Flash point (please let me know if your lab can run this test)
- pH
- PAH

Mahalo,

WENDI ZHENG, P.E.

Sr. Environmental Engineer

Pacific Commercial Services, Inc.

(808) 545-4599 | (808)-729-0889

Wendi.Zheng@pcshi.com | www.pcshi.com

P.O. Box 235117 Honolulu, HI 96823

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

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

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 : Q3574 PACI01
Client Name : Pacific Commercial Service
Client Contact : Wendi Zheng
Invoice Name : Pacific Commercial Service
Invoice Contact : Wendi Zheng

Order Date : 11/7/2025 10:02:13 AM
Project Name : Kilo Pier
Receive DateTime : 11/7/2025 9:40:00 AM
Purchase Order :

Project Mgr : Deepak
Report Type : Level 2
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff : 11/7/2025 11:34:12 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3574-01	304641-01 Liquid	Water	11/04/2025	08:45					
					Gasoline Range Organics		8015D		10 Bus. Days

Relinquished By :
Date / Time : 11/7/25 11:45

Received By :
Date / Time : 11/07/25 11:45

Storage Area : **VOA Refridgerator Room**

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3574 PACI01
Client Name : Pacific Commercial Service
Client Contact : Wendi Zheng
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Project Name : Kilo Pier
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Hard Copy Date :
Date Signoff : 11/7/2025 11:34:12 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3574-01	304641-01 Liquid	Water	11/04/2025	08:45					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 11/7/25 1145

Received By :
Date / Time : 11/7/25 11.45 Bg # 4

Storage Area : VOA Refridgerator Room