

Hit Summary Sheet SW-846

SDG No.: Q1736
Client: G Environmental

Order ID: Q1736
Project ID: Stockton

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GST1								
Q1736-01	GST1	SOIL	Aluminum	4450		2.75	5.71	mg/Kg
Q1736-01	GST1	SOIL	Antimony	2.48	J	0.17	2.85	mg/Kg
Q1736-01	GST1	SOIL	Arsenic	29.8		0.33	1.14	mg/Kg
Q1736-01	GST1	SOIL	Barium	70.6		0.73	5.71	mg/Kg
Q1736-01	GST1	SOIL	Beryllium	0.61		0.014	0.34	mg/Kg
Q1736-01	GST1	SOIL	Cadmium	0.22	J	0.018	0.34	mg/Kg
Q1736-01	GST1	SOIL	Calcium	2230		3.19	114	mg/Kg
Q1736-01	GST1	SOIL	Chromium	9.94		0.062	0.57	mg/Kg
Q1736-01	GST1	SOIL	Cobalt	5.58		0.066	1.71	mg/Kg
Q1736-01	GST1	SOIL	Copper	193		0.54	1.14	mg/Kg
Q1736-01	GST1	SOIL	Iron	11300		3.07	5.71	mg/Kg
Q1736-01	GST1	SOIL	Lead	184		0.17	0.69	mg/Kg
Q1736-01	GST1	SOIL	Magnesium	1090		3.91	114	mg/Kg
Q1736-01	GST1	SOIL	Manganese	73.7		0.081	1.14	mg/Kg
Q1736-01	GST1	SOIL	Mercury	0.43		0.0090	0.015	mg/Kg
Q1736-01	GST1	SOIL	Nickel	53.6		0.10	2.28	mg/Kg
Q1736-01	GST1	SOIL	Potassium	520		32.7	114	mg/Kg
Q1736-01	GST1	SOIL	Selenium	0.52	J	0.38	1.14	mg/Kg
Q1736-01	GST1	SOIL	Sodium	327		41.2	114	mg/Kg
Q1736-01	GST1	SOIL	Thallium	0.91	J	0.50	2.28	mg/Kg
Q1736-01	GST1	SOIL	Vanadium	23.0		0.31	2.28	mg/Kg
Q1736-01	GST1	SOIL	Zinc	98.9		0.13	2.28	mg/Kg
Client ID : GST2								
Q1736-02	GST2	SOIL	Aluminum	3670		2.59	5.38	mg/Kg
Q1736-02	GST2	SOIL	Arsenic	1.92		0.31	1.08	mg/Kg
Q1736-02	GST2	SOIL	Barium	39.3		0.69	5.38	mg/Kg
Q1736-02	GST2	SOIL	Beryllium	0.42		0.013	0.32	mg/Kg
Q1736-02	GST2	SOIL	Cadmium	0.14	J	0.017	0.32	mg/Kg
Q1736-02	GST2	SOIL	Calcium	1230		3.01	108	mg/Kg
Q1736-02	GST2	SOIL	Chromium	8.72		0.058	0.54	mg/Kg
Q1736-02	GST2	SOIL	Cobalt	5.44		0.062	1.61	mg/Kg
Q1736-02	GST2	SOIL	Copper	10.2		0.51	1.08	mg/Kg
Q1736-02	GST2	SOIL	Iron	10000		2.89	5.38	mg/Kg
Q1736-02	GST2	SOIL	Lead	6.81		0.16	0.65	mg/Kg
Q1736-02	GST2	SOIL	Magnesium	2010		3.69	108	mg/Kg
Q1736-02	GST2	SOIL	Manganese	127		0.076	1.08	mg/Kg
Q1736-02	GST2	SOIL	Mercury	0.010	J	0.0080	0.015	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q1736
Client: G Environmental

Order ID: Q1736
Project ID: Stockton

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1736-02	GST2	SOIL	Nickel	10.8		0.097	2.15	mg/Kg
Q1736-02	GST2	SOIL	Potassium	605		30.9	108	mg/Kg
Q1736-02	GST2	SOIL	Sodium	221		38.8	108	mg/Kg
Q1736-02	GST2	SOIL	Vanadium	13.5		0.29	2.15	mg/Kg
Q1736-02	GST2	SOIL	Zinc	21.4		0.12	2.15	mg/Kg

A
B
C
D
E
F
G
H
I
J



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST1	SDG No.:	Q1736
Lab Sample ID:	Q1736-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4450		1	2.75	5.71	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-36-0	Antimony	2.48	J	1	0.17	2.85	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-38-2	Arsenic	29.8	N	1	0.33	1.14	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-39-3	Barium	70.6	N	1	0.73	5.71	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-41-7	Beryllium	0.61	N	1	0.014	0.34	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-43-9	Cadmium	0.22	J*	1	0.018	0.34	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-70-2	Calcium	2230	*	1	3.19	114	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-47-3	Chromium	9.94	N	1	0.062	0.57	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-48-4	Cobalt	5.58	N	1	0.066	1.71	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-50-8	Copper	193	N	1	0.54	1.14	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7439-89-6	Iron	11300		1	3.07	5.71	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7439-92-1	Lead	184		1	0.17	0.69	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7439-95-4	Magnesium	1090		1	3.91	114	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7439-96-5	Manganese	73.7		1	0.081	1.14	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7439-97-6	Mercury	0.43		1	0.0090	0.015	mg/Kg	04/08/25 07:20	04/08/25 10:38	SW7471B	
7440-02-0	Nickel	53.6		1	0.10	2.28	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-09-7	Potassium	520	N*	1	32.7	114	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7782-49-2	Selenium	0.52	JN	1	0.38	1.14	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-22-4	Silver	0.059	UN	1	0.059	0.57	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-23-5	Sodium	327		1	41.2	114	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-28-0	Thallium	0.91	J	1	0.50	2.28	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-62-2	Vanadium	23.0	N	1	0.31	2.28	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050
7440-66-6	Zinc	98.9	N	1	0.13	2.28	mg/Kg	04/07/25 10:05	04/14/25 19:53	SW6010	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST2	SDG No.:	Q1736
Lab Sample ID:	Q1736-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3670		1	2.59	5.38	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-36-0	Antimony	0.16	U	1	0.16	2.69	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-38-2	Arsenic	1.92	N	1	0.31	1.08	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-39-3	Barium	39.3	N	1	0.69	5.38	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-41-7	Beryllium	0.42	N	1	0.013	0.32	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-43-9	Cadmium	0.14	J*	1	0.017	0.32	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-70-2	Calcium	1230	*	1	3.01	108	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-47-3	Chromium	8.72	N	1	0.058	0.54	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-48-4	Cobalt	5.44	N	1	0.062	1.61	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-50-8	Copper	10.2	N	1	0.51	1.08	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7439-89-6	Iron	10000		1	2.89	5.38	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7439-92-1	Lead	6.81		1	0.16	0.65	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7439-95-4	Magnesium	2010		1	3.69	108	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7439-96-5	Manganese	127		1	0.076	1.08	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7439-97-6	Mercury	0.010	J	1	0.0080	0.015	mg/Kg	04/08/25 07:20	04/08/25 10:40	SW7471B	
7440-02-0	Nickel	10.8		1	0.097	2.15	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-09-7	Potassium	605	N*	1	30.9	108	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7782-49-2	Selenium	0.36	UN	1	0.36	1.08	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-22-4	Silver	0.056	UN	1	0.056	0.54	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-23-5	Sodium	221		1	38.8	108	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-28-0	Thallium	0.47	U	1	0.47	2.15	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-62-2	Vanadium	13.5	N	1	0.29	2.15	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050
7440-66-6	Zinc	21.4	N	1	0.12	2.15	mg/Kg	04/07/25 10:05	04/14/25 20:05	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental				SDG No.:	Q1736				
Contract:	GENV01		Lab Code:	CHEM		Case No.:	Q1736		SAS No.:	Q1736
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB80	Mercury	0.20	+/-0.20	U	0.20	CV	04/08/2025	09:45	LB135337	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1736

Contract: GENV01

Lab Code: CHEM

Case No.: Q1736

SAS No.: Q1736

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB42	Mercury	0.20	+/-0.20	U	0.20	CV	04/08/2025	09:49	LB135337
CCB43	Mercury	0.20	+/-0.20	U	0.20	CV	04/08/2025	10:17	LB135337
CCB44	Mercury	0.20	+/-0.20	U	0.20	CV	04/08/2025	10:44	LB135337
CCB45	Mercury	0.20	+/-0.20	U	0.20	CV	04/08/2025	11:16	LB135337

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1736							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1736	SAS No.: Q1736						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	04/14/2025	14:05	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	14:05	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	14:05	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	14:05	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	14:05	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	14:05	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	14:05	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	14:05	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	14:05	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	14:05	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	14:05	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	14:05	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	14:05	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	14:05	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	14:05	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	14:05	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	14:05	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	14:05	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	14:05	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	14:05	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	14:05	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	14:05	LB135424

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1736							
Contract: GENVO1	Lab Code: CHEM	Case No.: Q1736	SAS No.: Q1736						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	04/14/2025	14:35	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	14:35	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	14:35	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	14:35	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	14:35	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	14:35	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	14:35	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	14:35	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	14:35	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	14:35	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	14:35	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	14:35	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	14:35	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	14:35	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	14:35	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	14:35	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	14:35	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	14:35	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	14:35	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	14:35	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	14:35	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	14:35	LB135424
CCB02	Aluminum	100	+/-100	U	100	P	04/14/2025	15:26	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	15:26	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	15:26	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	15:26	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	15:26	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	15:26	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	15:26	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	15:26	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	15:26	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	15:26	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	15:26	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	15:26	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	15:26	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	15:26	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	15:26	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	15:26	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	15:26	LB135424

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1736							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1736	SAS No.: Q1736						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	15:26	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	15:26	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	15:26	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	15:26	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	15:26	LB135424
CCB03	Aluminum	100	+/-100	U	100	P	04/14/2025	16:32	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	16:32	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	16:32	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	16:32	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	16:32	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	16:32	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	16:32	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	16:32	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	16:32	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	16:32	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	16:32	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	16:32	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	16:32	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	16:32	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	16:32	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	16:32	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	16:32	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	16:32	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	16:32	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	16:32	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	16:32	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	16:32	LB135424
CCB04	Aluminum	100	+/-100	U	100	P	04/14/2025	17:22	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	17:22	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	17:22	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	17:22	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	17:22	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	17:22	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	17:22	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	17:22	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	17:22	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	17:22	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	17:22	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	17:22	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1736							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1736	SAS No.: Q1736						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	17:22	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	17:22	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	17:22	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	17:22	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	17:22	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	17:22	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	17:22	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	17:22	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	17:22	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	17:22	LB135424
CCB05	Aluminum	100	+/-100	U	100	P	04/14/2025	18:20	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	18:20	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	18:20	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	18:20	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	18:20	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	18:20	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	18:20	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	18:20	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	18:20	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	18:20	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	18:20	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	18:20	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	18:20	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	18:20	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	18:20	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	18:20	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	18:20	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	18:20	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	18:20	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	18:20	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	18:20	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	18:20	LB135424
CCB06	Aluminum	100	+/-100	U	100	P	04/14/2025	19:11	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	19:11	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	19:11	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	19:11	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	19:11	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	19:11	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	19:11	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1736							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1736	SAS No.: Q1736						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	19:11	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	19:11	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	19:11	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	19:11	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	19:11	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	19:11	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	19:11	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	19:11	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	19:11	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	19:11	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	19:11	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	19:11	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	19:11	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	19:11	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	19:11	LB135424
CCB07	Aluminum	100	+/-100	U	100	P	04/14/2025	20:01	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	20:01	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	20:01	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	20:01	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	20:01	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	20:01	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	20:01	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	20:01	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	20:01	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	20:01	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	20:01	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	20:01	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	20:01	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	20:01	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	20:01	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	20:01	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	20:01	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	20:01	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	20:01	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	20:01	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	20:01	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	20:01	LB135424
CCB08	Aluminum	100	+/-100	U	100	P	04/14/2025	20:52	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	20:52	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1736							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1736	SAS No.: Q1736						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	20:52	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	20:52	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	20:52	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	20:52	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	20:52	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	20:52	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	20:52	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	20:52	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	20:52	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	20:52	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	20:52	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	20:52	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	20:52	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	20:52	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	20:52	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	20:52	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	20:52	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	20:52	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	20:52	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	20:52	LB135424
CCB09	Aluminum	100	+/-100	U	100	P	04/14/2025	21:42	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	21:42	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	21:42	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	21:42	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	21:42	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	21:42	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	21:42	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	21:42	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	21:42	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	21:42	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	21:42	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	21:42	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	21:42	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	21:42	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	21:42	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	21:42	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	21:42	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	21:42	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	21:42	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1736</u>							
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1736</u>	SAS No.: <u>Q1736</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	21:42	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	21:42	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	21:42	LB135424
CCB10	Aluminum	100	+/-100	U	100	P	04/14/2025	22:32	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	22:32	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	22:32	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	22:32	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	22:32	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	22:32	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	22:32	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	22:32	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	22:32	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	22:32	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	22:32	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	22:32	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	22:32	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	22:32	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	22:32	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	22:32	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	22:32	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	22:32	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	22:32	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	22:32	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	22:32	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	22:32	LB135424
CCB11	Aluminum	100	+/-100	U	100	P	04/14/2025	22:44	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	22:44	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	22:44	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	22:44	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	22:44	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	22:44	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	22:44	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	22:44	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	22:44	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	22:44	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	22:44	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	22:44	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	22:44	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	22:44	LB135424

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1736							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1736	SAS No.: Q1736						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	22:44	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	22:44	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	22:44	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	22:44	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	22:44	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	22:44	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	22:44	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	22:44	LB135424
CCB12	Aluminum	100	+/-100	U	100	P	04/14/2025	23:11	LB135424
	Antimony	50.0	+/-50.0	U	50.0	P	04/14/2025	23:11	LB135424
	Arsenic	20.0	+/-20.0	U	20.0	P	04/14/2025	23:11	LB135424
	Barium	100	+/-100	U	100	P	04/14/2025	23:11	LB135424
	Beryllium	6.00	+/-6.00	U	6.00	P	04/14/2025	23:11	LB135424
	Cadmium	6.00	+/-6.00	U	6.00	P	04/14/2025	23:11	LB135424
	Calcium	2000	+/-2000	U	2000	P	04/14/2025	23:11	LB135424
	Chromium	10.0	+/-10.0	U	10.0	P	04/14/2025	23:11	LB135424
	Cobalt	30.0	+/-30.0	U	30.0	P	04/14/2025	23:11	LB135424
	Copper	20.0	+/-20.0	U	20.0	P	04/14/2025	23:11	LB135424
	Iron	100	+/-100	U	100	P	04/14/2025	23:11	LB135424
	Lead	12.0	+/-12.0	U	12.0	P	04/14/2025	23:11	LB135424
	Magnesium	2000	+/-2000	U	2000	P	04/14/2025	23:11	LB135424
	Manganese	20.0	+/-20.0	U	20.0	P	04/14/2025	23:11	LB135424
	Nickel	40.0	+/-40.0	U	40.0	P	04/14/2025	23:11	LB135424
	Potassium	2000	+/-2000	U	2000	P	04/14/2025	23:11	LB135424
	Selenium	20.0	+/-20.0	U	20.0	P	04/14/2025	23:11	LB135424
	Silver	10.0	+/-10.0	U	10.0	P	04/14/2025	23:11	LB135424
	Sodium	2000	+/-2000	U	2000	P	04/14/2025	23:11	LB135424
	Thallium	40.0	+/-40.0	U	40.0	P	04/14/2025	23:11	LB135424
	Vanadium	40.0	+/-40.0	U	40.0	P	04/14/2025	23:11	LB135424
	Zinc	40.0	+/-40.0	U	40.0	P	04/14/2025	23:11	LB135424

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1736

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167516BL		SOLID		Batch Number:	PB167516		Prep Date:	04/08/2025	
	Mercury	0.013	<0.013	U	0.013	CV	04/08/2025	09:59	LB135337

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1736

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167482BL	SOLID			Batch Number:	PB167482		Prep Date:	04/07/2025	
	Aluminum	4.55	<4.55	U	4.55	P	04/14/2025	18:00	LB135424
	Antimony	2.27	<2.27	U	2.27	P	04/14/2025	18:00	LB135424
	Arsenic	0.91	<0.91	U	0.91	P	04/14/2025	18:00	LB135424
	Barium	4.55	<4.55	U	4.55	P	04/14/2025	18:00	LB135424
	Beryllium	0.27	<0.27	U	0.27	P	04/14/2025	18:00	LB135424
	Cadmium	0.27	<0.27	U	0.27	P	04/14/2025	18:00	LB135424
	Calcium	90.9	<90.9	U	90.9	P	04/14/2025	18:00	LB135424
	Chromium	0.46	<0.46	U	0.46	P	04/14/2025	18:00	LB135424
	Cobalt	1.36	<1.36	U	1.36	P	04/14/2025	18:00	LB135424
	Copper	0.91	<0.91	U	0.91	P	04/14/2025	18:00	LB135424
	Iron	4.55	<4.55	U	4.55	P	04/14/2025	18:00	LB135424
	Lead	0.55	<0.55	U	0.55	P	04/14/2025	18:00	LB135424
	Magnesium	90.9	<90.9	U	90.9	P	04/14/2025	18:00	LB135424
	Manganese	0.91	<0.91	U	0.91	P	04/14/2025	18:00	LB135424
	Nickel	1.82	<1.82	U	1.82	P	04/14/2025	18:00	LB135424
	Potassium	90.9	<90.9	U	90.9	P	04/14/2025	18:00	LB135424
	Selenium	0.91	<0.91	U	0.91	P	04/14/2025	18:00	LB135424
	Silver	0.46	<0.46	U	0.46	P	04/14/2025	18:00	LB135424
	Sodium	90.9	<90.9	U	90.9	P	04/14/2025	18:00	LB135424
	Thallium	1.82	<1.82	U	1.82	P	04/14/2025	18:00	LB135424
	Vanadium	1.82	<1.82	U	1.82	P	04/14/2025	18:00	LB135424
	Zinc	1.82	<1.82	U	1.82	P	04/14/2025	18:00	LB135424



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
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
ICV80	Mercury	3.68	4.0	92	90 - 110	CV	04/08/2025	09:43	LB135337

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
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
CCV42	Mercury	5.06	5.0	101	90 - 110	CV	04/08/2025	09:47	LB135337
CCV43	Mercury	4.80	5.0	96	90 - 110	CV	04/08/2025	10:15	LB135337
CCV44	Mercury	4.61	5.0	92	90 - 110	CV	04/08/2025	10:42	LB135337
CCV45	Mercury	5.27	5.0	105	90 - 110	CV	04/08/2025	11:14	LB135337

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
 Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2360	2500	94	90 - 110	P	04/14/2025	13:56	LB135424
	Antimony	1040	1000	104	90 - 110	P	04/14/2025	13:56	LB135424
	Arsenic	1060	1000	106	90 - 110	P	04/14/2025	13:56	LB135424
	Barium	534	520	103	90 - 110	P	04/14/2025	13:56	LB135424
	Beryllium	496	510	97	90 - 110	P	04/14/2025	13:56	LB135424
	Cadmium	507	510	99	90 - 110	P	04/14/2025	13:56	LB135424
	Calcium	9360	10000	94	90 - 110	P	04/14/2025	13:56	LB135424
	Chromium	507	520	98	90 - 110	P	04/14/2025	13:56	LB135424
	Cobalt	490	520	94	90 - 110	P	04/14/2025	13:56	LB135424
	Copper	513	510	100	90 - 110	P	04/14/2025	13:56	LB135424
	Iron	9380	10000	94	90 - 110	P	04/14/2025	13:56	LB135424
	Lead	1000	1000	100	90 - 110	P	04/14/2025	13:56	LB135424
	Magnesium	5990	6000	100	90 - 110	P	04/14/2025	13:56	LB135424
	Manganese	483	520	93	90 - 110	P	04/14/2025	13:56	LB135424
	Nickel	494	530	93	90 - 110	P	04/14/2025	13:56	LB135424
	Potassium	9740	9900	98	90 - 110	P	04/14/2025	13:56	LB135424
	Selenium	1050	1000	105	90 - 110	P	04/14/2025	13:56	LB135424
	Silver	246	250	98	90 - 110	P	04/14/2025	13:56	LB135424
	Sodium	10100	10000	101	90 - 110	P	04/14/2025	13:56	LB135424
	Thallium	1030	1000	103	90 - 110	P	04/14/2025	13:56	LB135424
	Vanadium	474	500	95	90 - 110	P	04/14/2025	13:56	LB135424
	Zinc	994	1000	99	90 - 110	P	04/14/2025	13:56	LB135424

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	97.5	100	98	80 - 120	P	04/14/2025	14:01	LB135424
	Antimony	53.2	50.0	106	80 - 120	P	04/14/2025	14:01	LB135424
	Arsenic	22.8	20.0	114	80 - 120	P	04/14/2025	14:01	LB135424
	Barium	96.1	100	96	80 - 120	P	04/14/2025	14:01	LB135424
	Beryllium	6.00	6.0	100	80 - 120	P	04/14/2025	14:01	LB135424
	Cadmium	6.12	6.0	102	80 - 120	P	04/14/2025	14:01	LB135424
	Calcium	1980	2000	99	80 - 120	P	04/14/2025	14:01	LB135424
	Chromium	9.81	10.0	98	80 - 120	P	04/14/2025	14:01	LB135424
	Cobalt	29.6	30.0	98	80 - 120	P	04/14/2025	14:01	LB135424
	Copper	22.6	20.0	113	80 - 120	P	04/14/2025	14:01	LB135424
	Iron	99.4	100	99	80 - 120	P	04/14/2025	14:01	LB135424
	Lead	12.4	12.0	103	80 - 120	P	04/14/2025	14:01	LB135424
	Magnesium	2080	2000	104	80 - 120	P	04/14/2025	14:01	LB135424
	Manganese	20.6	20.0	103	80 - 120	P	04/14/2025	14:01	LB135424
	Nickel	39.5	40.0	99	80 - 120	P	04/14/2025	14:01	LB135424
	Potassium	1920	2000	96	80 - 120	P	04/14/2025	14:01	LB135424
	Selenium	19.0	20.0	95	80 - 120	P	04/14/2025	14:01	LB135424
	Silver	10.0	10.0	100	80 - 120	P	04/14/2025	14:01	LB135424
	Sodium	1840	2000	92	80 - 120	P	04/14/2025	14:01	LB135424
	Thallium	41.8	40.0	105	80 - 120	P	04/14/2025	14:01	LB135424
	Vanadium	40.4	40.0	101	80 - 120	P	04/14/2025	14:01	LB135424
	Zinc	41.6	40.0	104	80 - 120	P	04/14/2025	14:01	LB135424

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
 Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9750	10000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Antimony	4920	5000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Arsenic	4910	5000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Barium	9640	10000	96	90 - 110	P	04/14/2025	14:31	LB135424
	Beryllium	256	250	102	90 - 110	P	04/14/2025	14:31	LB135424
	Cadmium	2460	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Calcium	24400	25000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Chromium	1000	1000	100	90 - 110	P	04/14/2025	14:31	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Copper	1240	1250	100	90 - 110	P	04/14/2025	14:31	LB135424
	Iron	4830	5000	97	90 - 110	P	04/14/2025	14:31	LB135424
	Lead	4940	5000	99	90 - 110	P	04/14/2025	14:31	LB135424
	Magnesium	24400	25000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Manganese	2440	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Nickel	2460	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Potassium	23800	25000	95	90 - 110	P	04/14/2025	14:31	LB135424
	Selenium	4930	5000	98	90 - 110	P	04/14/2025	14:31	LB135424
	Silver	1250	1250	100	90 - 110	P	04/14/2025	14:31	LB135424
	Sodium	23800	25000	95	90 - 110	P	04/14/2025	14:31	LB135424
	Thallium	5050	5000	101	90 - 110	P	04/14/2025	14:31	LB135424
	Vanadium	2440	2500	98	90 - 110	P	04/14/2025	14:31	LB135424
	Zinc	2510	2500	100	90 - 110	P	04/14/2025	14:31	LB135424
CCV02	Aluminum	9730	10000	97	90 - 110	P	04/14/2025	15:22	LB135424
	Antimony	4950	5000	99	90 - 110	P	04/14/2025	15:22	LB135424
	Arsenic	4930	5000	99	90 - 110	P	04/14/2025	15:22	LB135424
	Barium	9580	10000	96	90 - 110	P	04/14/2025	15:22	LB135424
	Beryllium	246	250	98	90 - 110	P	04/14/2025	15:22	LB135424
	Cadmium	2460	2500	98	90 - 110	P	04/14/2025	15:22	LB135424
	Calcium	24100	25000	96	90 - 110	P	04/14/2025	15:22	LB135424
	Chromium	995	1000	100	90 - 110	P	04/14/2025	15:22	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	15:22	LB135424
	Copper	1250	1250	100	90 - 110	P	04/14/2025	15:22	LB135424
	Iron	4880	5000	98	90 - 110	P	04/14/2025	15:22	LB135424
	Lead	4930	5000	98	90 - 110	P	04/14/2025	15:22	LB135424

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	04/14/2025	15:22	LB135424
	Manganese	2410	2500	96	90 - 110	P	04/14/2025	15:22	LB135424
	Nickel	2460	2500	98	90 - 110	P	04/14/2025	15:22	LB135424
	Potassium	24300	25000	97	90 - 110	P	04/14/2025	15:22	LB135424
	Selenium	4970	5000	99	90 - 110	P	04/14/2025	15:22	LB135424
	Silver	1230	1250	98	90 - 110	P	04/14/2025	15:22	LB135424
	Sodium	24400	25000	98	90 - 110	P	04/14/2025	15:22	LB135424
	Thallium	4980	5000	100	90 - 110	P	04/14/2025	15:22	LB135424
	Vanadium	2420	2500	97	90 - 110	P	04/14/2025	15:22	LB135424
	Zinc	2480	2500	99	90 - 110	P	04/14/2025	15:22	LB135424
CCV03	Aluminum	9760	10000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Antimony	4910	5000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Arsenic	4890	5000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Barium	9870	10000	99	90 - 110	P	04/14/2025	16:28	LB135424
	Beryllium	248	250	99	90 - 110	P	04/14/2025	16:28	LB135424
	Cadmium	2470	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
	Calcium	24400	25000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Chromium	983	1000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Cobalt	2480	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
	Copper	1250	1250	100	90 - 110	P	04/14/2025	16:28	LB135424
	Iron	4970	5000	99	90 - 110	P	04/14/2025	16:28	LB135424
	Lead	4930	5000	99	90 - 110	P	04/14/2025	16:28	LB135424
	Magnesium	24200	25000	97	90 - 110	P	04/14/2025	16:28	LB135424
	Manganese	2460	2500	98	90 - 110	P	04/14/2025	16:28	LB135424
	Nickel	2470	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
	Potassium	26100	25000	104	90 - 110	P	04/14/2025	16:28	LB135424
	Selenium	4900	5000	98	90 - 110	P	04/14/2025	16:28	LB135424
	Silver	1230	1250	99	90 - 110	P	04/14/2025	16:28	LB135424
	Sodium	26500	25000	106	90 - 110	P	04/14/2025	16:28	LB135424
	Thallium	4870	5000	97	90 - 110	P	04/14/2025	16:28	LB135424
	Vanadium	2450	2500	98	90 - 110	P	04/14/2025	16:28	LB135424
	Zinc	2470	2500	99	90 - 110	P	04/14/2025	16:28	LB135424
CCV04	Aluminum	9710	10000	97	90 - 110	P	04/14/2025	17:18	LB135424
	Antimony	4930	5000	99	90 - 110	P	04/14/2025	17:18	LB135424

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
 Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4920	5000	98	90 - 110	P	04/14/2025	17:18	LB135424
	Barium	9580	10000	96	90 - 110	P	04/14/2025	17:18	LB135424
	Beryllium	248	250	99	90 - 110	P	04/14/2025	17:18	LB135424
	Cadmium	2480	2500	99	90 - 110	P	04/14/2025	17:18	LB135424
	Calcium	24200	25000	97	90 - 110	P	04/14/2025	17:18	LB135424
	Chromium	1000	1000	100	90 - 110	P	04/14/2025	17:18	LB135424
	Cobalt	2480	2500	99	90 - 110	P	04/14/2025	17:18	LB135424
	Copper	1250	1250	100	90 - 110	P	04/14/2025	17:18	LB135424
	Iron	4930	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Lead	4940	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Magnesium	24100	25000	96	90 - 110	P	04/14/2025	17:18	LB135424
	Manganese	2410	2500	96	90 - 110	P	04/14/2025	17:18	LB135424
	Nickel	2470	2500	99	90 - 110	P	04/14/2025	17:18	LB135424
	Potassium	26000	25000	104	90 - 110	P	04/14/2025	17:18	LB135424
	Selenium	4950	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Silver	1240	1250	99	90 - 110	P	04/14/2025	17:18	LB135424
	Sodium	25900	25000	104	90 - 110	P	04/14/2025	17:18	LB135424
	Thallium	4960	5000	99	90 - 110	P	04/14/2025	17:18	LB135424
	Vanadium	2420	2500	97	90 - 110	P	04/14/2025	17:18	LB135424
	Zinc	2450	2500	98	90 - 110	P	04/14/2025	17:18	LB135424
CCV05	Aluminum	9700	10000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Antimony	4910	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Arsenic	4860	5000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Barium	9570	10000	96	90 - 110	P	04/14/2025	18:16	LB135424
	Beryllium	256	250	102	90 - 110	P	04/14/2025	18:16	LB135424
	Cadmium	2470	2500	99	90 - 110	P	04/14/2025	18:16	LB135424
	Calcium	24300	25000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Chromium	986	1000	99	90 - 110	P	04/14/2025	18:16	LB135424
	Cobalt	2470	2500	99	90 - 110	P	04/14/2025	18:16	LB135424
	Copper	1240	1250	99	90 - 110	P	04/14/2025	18:16	LB135424
	Iron	4770	5000	95	90 - 110	P	04/14/2025	18:16	LB135424
	Lead	4920	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Magnesium	24200	25000	97	90 - 110	P	04/14/2025	18:16	LB135424
	Manganese	2430	2500	97	90 - 110	P	04/14/2025	18:16	LB135424

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
 Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2460	2500	98	90 - 110	P	04/14/2025	18:16	LB135424
	Potassium	23600	25000	94	90 - 110	P	04/14/2025	18:16	LB135424
	Selenium	4910	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Silver	1230	1250	98	90 - 110	P	04/14/2025	18:16	LB135424
	Sodium	23400	25000	94	90 - 110	P	04/14/2025	18:16	LB135424
	Thallium	4910	5000	98	90 - 110	P	04/14/2025	18:16	LB135424
	Vanadium	2440	2500	97	90 - 110	P	04/14/2025	18:16	LB135424
	Zinc	2460	2500	98	90 - 110	P	04/14/2025	18:16	LB135424
CCV06	Aluminum	9630	10000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Antimony	4840	5000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Arsenic	4780	5000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Barium	9740	10000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Beryllium	252	250	101	90 - 110	P	04/14/2025	19:07	LB135424
	Cadmium	2460	2500	98	90 - 110	P	04/14/2025	19:07	LB135424
	Calcium	24200	25000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Chromium	957	1000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Cobalt	2460	2500	99	90 - 110	P	04/14/2025	19:07	LB135424
	Copper	1230	1250	98	90 - 110	P	04/14/2025	19:07	LB135424
	Iron	4560	5000	91	90 - 110	P	04/14/2025	19:07	LB135424
	Lead	4870	5000	98	90 - 110	P	04/14/2025	19:07	LB135424
	Magnesium	24000	25000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Manganese	2440	2500	98	90 - 110	P	04/14/2025	19:07	LB135424
	Nickel	2450	2500	98	90 - 110	P	04/14/2025	19:07	LB135424
	Potassium	24300	25000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Selenium	4820	5000	96	90 - 110	P	04/14/2025	19:07	LB135424
	Silver	1190	1250	95	90 - 110	P	04/14/2025	19:07	LB135424
	Sodium	24200	25000	97	90 - 110	P	04/14/2025	19:07	LB135424
	Thallium	4870	5000	98	90 - 110	P	04/14/2025	19:07	LB135424
	Vanadium	2430	2500	97	90 - 110	P	04/14/2025	19:07	LB135424
	Zinc	2350	2500	94	90 - 110	P	04/14/2025	19:07	LB135424
CCV07	Aluminum	9540	10000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Antimony	4810	5000	96	90 - 110	P	04/14/2025	19:57	LB135424
	Arsenic	4740	5000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Barium	9610	10000	96	90 - 110	P	04/14/2025	19:57	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
 Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	240	250	96	90 - 110	P	04/14/2025	19:57	LB135424
	Cadmium	2430	2500	97	90 - 110	P	04/14/2025	19:57	LB135424
	Calcium	24000	25000	96	90 - 110	P	04/14/2025	19:57	LB135424
	Chromium	974	1000	97	90 - 110	P	04/14/2025	19:57	LB135424
	Cobalt	2440	2500	98	90 - 110	P	04/14/2025	19:57	LB135424
	Copper	1220	1250	98	90 - 110	P	04/14/2025	19:57	LB135424
	Iron	4830	5000	97	90 - 110	P	04/14/2025	19:57	LB135424
	Lead	4820	5000	96	90 - 110	P	04/14/2025	19:57	LB135424
	Magnesium	23700	25000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Manganese	2380	2500	95	90 - 110	P	04/14/2025	19:57	LB135424
	Nickel	2420	2500	97	90 - 110	P	04/14/2025	19:57	LB135424
	Potassium	25300	25000	101	90 - 110	P	04/14/2025	19:57	LB135424
	Selenium	4770	5000	95	90 - 110	P	04/14/2025	19:57	LB135424
	Silver	1200	1250	96	90 - 110	P	04/14/2025	19:57	LB135424
	Sodium	25400	25000	102	90 - 110	P	04/14/2025	19:57	LB135424
	Thallium	4850	5000	97	90 - 110	P	04/14/2025	19:57	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	19:57	LB135424
	Zinc	2400	2500	96	90 - 110	P	04/14/2025	19:57	LB135424
CCV08	Aluminum	9600	10000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Antimony	4870	5000	97	90 - 110	P	04/14/2025	20:48	LB135424
	Arsenic	4810	5000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Barium	9830	10000	98	90 - 110	P	04/14/2025	20:48	LB135424
	Beryllium	242	250	97	90 - 110	P	04/14/2025	20:48	LB135424
	Cadmium	2440	2500	98	90 - 110	P	04/14/2025	20:48	LB135424
	Calcium	24100	25000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Chromium	955	1000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	20:48	LB135424
	Copper	1230	1250	99	90 - 110	P	04/14/2025	20:48	LB135424
	Iron	4750	5000	95	90 - 110	P	04/14/2025	20:48	LB135424
	Lead	4850	5000	97	90 - 110	P	04/14/2025	20:48	LB135424
	Magnesium	23600	25000	94	90 - 110	P	04/14/2025	20:48	LB135424
	Manganese	2420	2500	97	90 - 110	P	04/14/2025	20:48	LB135424
	Nickel	2440	2500	98	90 - 110	P	04/14/2025	20:48	LB135424
	Potassium	23800	25000	95	90 - 110	P	04/14/2025	20:48	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4860	5000	97	90 - 110	P	04/14/2025	20:48	LB135424
	Silver	1190	1250	96	90 - 110	P	04/14/2025	20:48	LB135424
	Sodium	24000	25000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Thallium	4810	5000	96	90 - 110	P	04/14/2025	20:48	LB135424
	Vanadium	2420	2500	97	90 - 110	P	04/14/2025	20:48	LB135424
	Zinc	2390	2500	96	90 - 110	P	04/14/2025	20:48	LB135424
CCV09	Aluminum	9520	10000	95	90 - 110	P	04/14/2025	21:38	LB135424
	Antimony	4820	5000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Arsenic	4770	5000	95	90 - 110	P	04/14/2025	21:38	LB135424
	Barium	9610	10000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Beryllium	246	250	98	90 - 110	P	04/14/2025	21:38	LB135424
	Cadmium	2430	2500	97	90 - 110	P	04/14/2025	21:38	LB135424
	Calcium	23900	25000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Chromium	973	1000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Cobalt	2440	2500	98	90 - 110	P	04/14/2025	21:38	LB135424
	Copper	1220	1250	98	90 - 110	P	04/14/2025	21:38	LB135424
	Iron	4830	5000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Lead	4840	5000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Magnesium	23600	25000	94	90 - 110	P	04/14/2025	21:38	LB135424
	Manganese	2400	2500	96	90 - 110	P	04/14/2025	21:38	LB135424
	Nickel	2430	2500	97	90 - 110	P	04/14/2025	21:38	LB135424
	Potassium	25400	25000	102	90 - 110	P	04/14/2025	21:38	LB135424
	Selenium	4800	5000	96	90 - 110	P	04/14/2025	21:38	LB135424
	Silver	1220	1250	97	90 - 110	P	04/14/2025	21:38	LB135424
	Sodium	25700	25000	103	90 - 110	P	04/14/2025	21:38	LB135424
	Thallium	4830	5000	97	90 - 110	P	04/14/2025	21:38	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	21:38	LB135424
	Zinc	2410	2500	96	90 - 110	P	04/14/2025	21:38	LB135424
CCV10	Aluminum	9550	10000	96	90 - 110	P	04/14/2025	22:28	LB135424
	Antimony	4880	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Arsenic	4830	5000	97	90 - 110	P	04/14/2025	22:28	LB135424
	Barium	9670	10000	97	90 - 110	P	04/14/2025	22:28	LB135424
	Beryllium	243	250	97	90 - 110	P	04/14/2025	22:28	LB135424
	Cadmium	2450	2500	98	90 - 110	P	04/14/2025	22:28	LB135424

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1736
 Contract: GENV01 Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23800	25000	95	90 - 110	P	04/14/2025	22:28	LB135424
	Chromium	977	1000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Cobalt	2450	2500	98	90 - 110	P	04/14/2025	22:28	LB135424
	Copper	1230	1250	99	90 - 110	P	04/14/2025	22:28	LB135424
	Iron	4880	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Lead	4870	5000	97	90 - 110	P	04/14/2025	22:28	LB135424
	Magnesium	23600	25000	95	90 - 110	P	04/14/2025	22:28	LB135424
	Manganese	2380	2500	95	90 - 110	P	04/14/2025	22:28	LB135424
	Nickel	2440	2500	98	90 - 110	P	04/14/2025	22:28	LB135424
	Potassium	24400	25000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Selenium	4880	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Silver	1220	1250	98	90 - 110	P	04/14/2025	22:28	LB135424
	Sodium	24000	25000	96	90 - 110	P	04/14/2025	22:28	LB135424
	Thallium	4900	5000	98	90 - 110	P	04/14/2025	22:28	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	22:28	LB135424
CCV11	Zinc	2430	2500	97	90 - 110	P	04/14/2025	22:28	LB135424
	Aluminum	9490	10000	95	90 - 110	P	04/14/2025	22:40	LB135424
	Antimony	4850	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Arsenic	4800	5000	96	90 - 110	P	04/14/2025	22:40	LB135424
	Barium	9830	10000	98	90 - 110	P	04/14/2025	22:40	LB135424
	Beryllium	241	250	96	90 - 110	P	04/14/2025	22:40	LB135424
	Cadmium	2450	2500	98	90 - 110	P	04/14/2025	22:40	LB135424
	Calcium	24100	25000	96	90 - 110	P	04/14/2025	22:40	LB135424
	Chromium	958	1000	96	90 - 110	P	04/14/2025	22:40	LB135424
	Cobalt	2460	2500	98	90 - 110	P	04/14/2025	22:40	LB135424
	Copper	1230	1250	99	90 - 110	P	04/14/2025	22:40	LB135424
	Iron	4930	5000	99	90 - 110	P	04/14/2025	22:40	LB135424
	Lead	4850	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Magnesium	23500	25000	94	90 - 110	P	04/14/2025	22:40	LB135424
	Manganese	2420	2500	97	90 - 110	P	04/14/2025	22:40	LB135424
	Nickel	2440	2500	98	90 - 110	P	04/14/2025	22:40	LB135424
	Potassium	25200	25000	101	90 - 110	P	04/14/2025	22:40	LB135424
	Selenium	4850	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Silver	1210	1250	97	90 - 110	P	04/14/2025	22:40	LB135424



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Client:	<u>G Environmental</u>	SDG No.:	<u>Q1736</u>				
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1736</u>	SAS No.:	<u>Q1736</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
CCV11	Sodium	25700	25000	103	90 - 110	P	04/14/2025	22:40	LB135424
	Thallium	4870	5000	97	90 - 110	P	04/14/2025	22:40	LB135424
	Vanadium	2400	2500	96	90 - 110	P	04/14/2025	22:40	LB135424
	Zinc	2400	2500	96	90 - 110	P	04/14/2025	22:40	LB135424
CCV12	Aluminum	9430	10000	94	90 - 110	P	04/14/2025	23:06	LB135424
	Antimony	4830	5000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Arsenic	4760	5000	95	90 - 110	P	04/14/2025	23:06	LB135424
	Barium	9900	10000	99	90 - 110	P	04/14/2025	23:06	LB135424
	Beryllium	229	250	92	90 - 110	P	04/14/2025	23:06	LB135424
	Cadmium	2430	2500	97	90 - 110	P	04/14/2025	23:06	LB135424
	Calcium	23900	25000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Chromium	965	1000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Cobalt	2440	2500	98	90 - 110	P	04/14/2025	23:06	LB135424
	Copper	1220	1250	98	90 - 110	P	04/14/2025	23:06	LB135424
	Iron	5060	5000	101	90 - 110	P	04/14/2025	23:06	LB135424
	Lead	4830	5000	97	90 - 110	P	04/14/2025	23:06	LB135424
	Magnesium	23200	25000	93	90 - 110	P	04/14/2025	23:06	LB135424
	Manganese	2380	2500	95	90 - 110	P	04/14/2025	23:06	LB135424
	Nickel	2420	2500	97	90 - 110	P	04/14/2025	23:06	LB135424
	Potassium	27200	25000	109	90 - 110	P	04/14/2025	23:06	LB135424
	Selenium	4800	5000	96	90 - 110	P	04/14/2025	23:06	LB135424
	Silver	1200	1250	96	90 - 110	P	04/14/2025	23:06	LB135424
	Sodium	27500	25000	110	90 - 110	P	04/14/2025	23:06	LB135424
	Thallium	4850	5000	97	90 - 110	P	04/14/2025	23:06	LB135424
	Vanadium	2380	2500	95	90 - 110	P	04/14/2025	23:06	LB135424
	Zinc	2410	2500	96	90 - 110	P	04/14/2025	23:06	LB135424



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

Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
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	0.21	0.2	106	40 - 160	CV	04/08/2025	09:52	LB135337
CRI01	Aluminum	91.7	100	92	40 - 160	P	04/14/2025	14:09	LB135424
	Antimony	51.7	50.0	103	40 - 160	P	04/14/2025	14:09	LB135424
	Arsenic	22.3	20.0	112	40 - 160	P	04/14/2025	14:09	LB135424
	Barium	95.6	100	96	40 - 160	P	04/14/2025	14:09	LB135424
	Beryllium	5.76	6.0	96	40 - 160	P	04/14/2025	14:09	LB135424
	Cadmium	6.08	6.0	101	40 - 160	P	04/14/2025	14:09	LB135424
	Calcium	1970	2000	98	40 - 160	P	04/14/2025	14:09	LB135424
	Chromium	9.67	10.0	97	40 - 160	P	04/14/2025	14:09	LB135424
	Cobalt	29.3	30.0	98	40 - 160	P	04/14/2025	14:09	LB135424
	Copper	22.7	20.0	113	40 - 160	P	04/14/2025	14:09	LB135424
	Iron	102	100	102	40 - 160	P	04/14/2025	14:09	LB135424
	Lead	12.2	12.0	102	40 - 160	P	04/14/2025	14:09	LB135424
	Magnesium	2060	2000	103	40 - 160	P	04/14/2025	14:09	LB135424
	Manganese	20.4	20.0	102	40 - 160	P	04/14/2025	14:09	LB135424
	Nickel	39.4	40.0	98	40 - 160	P	04/14/2025	14:09	LB135424
	Potassium	1930	2000	97	40 - 160	P	04/14/2025	14:09	LB135424
	Selenium	19.6	20.0	98	40 - 160	P	04/14/2025	14:09	LB135424
	Silver	9.88	10.0	99	40 - 160	P	04/14/2025	14:09	LB135424
	Sodium	1840	2000	92	40 - 160	P	04/14/2025	14:09	LB135424
	Thallium	41.8	40.0	104	40 - 160	P	04/14/2025	14:09	LB135424
	Vanadium	40.7	40.0	102	40 - 160	P	04/14/2025	14:09	LB135424
	Zinc	41.0	40.0	102	40 - 160	P	04/14/2025	14:09	LB135424

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q1736</u>
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>
Case No.: <u>Q1736</u>	SAS No.: <u>Q1736</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	236000	255000	92	216000	294000	04/14/2025	14:14	LB135424
	Antimony	1.38			-50	50	04/14/2025	14:14	LB135424
	Arsenic	10.8			-20	20	04/14/2025	14:14	LB135424
	Barium	4.69	6.0	78	-94	106	04/14/2025	14:14	LB135424
	Beryllium	1.32			-6	6	04/14/2025	14:14	LB135424
	Cadmium	-1.94	1.0	194	-5	7	04/14/2025	14:14	LB135424
	Calcium	226000	245000	92	208000	282000	04/14/2025	14:14	LB135424
	Chromium	55.2	52.0	106	42	62	04/14/2025	14:14	LB135424
	Cobalt	1.77			-30	30	04/14/2025	14:14	LB135424
	Copper	9.26	2.0	463	-18	22	04/14/2025	14:14	LB135424
	Iron	99000	101000	98	85600	116500	04/14/2025	14:14	LB135424
	Lead	5.03			-12	12	04/14/2025	14:14	LB135424
	Magnesium	242000	255000	95	216000	294000	04/14/2025	14:14	LB135424
	Manganese	-0.13	7.0	2	-13	27	04/14/2025	14:14	LB135424
	Nickel	1.20	2.0	60	-38	42	04/14/2025	14:14	LB135424
	Potassium	11.8			0	0	04/14/2025	14:14	LB135424
	Selenium	-0.72			-20	20	04/14/2025	14:14	LB135424
	Silver	-3.74			-10	10	04/14/2025	14:14	LB135424
	Sodium	81.4			0	0	04/14/2025	14:14	LB135424
	Thallium	5.49			-40	40	04/14/2025	14:14	LB135424
	Vanadium	3.78			-40	40	04/14/2025	14:14	LB135424
	Zinc	4.10			-40	40	04/14/2025	14:14	LB135424
ICSAB01	Aluminum	236000	247000	96	209000	285000	04/14/2025	14:18	LB135424
	Antimony	646	618	104	525	711	04/14/2025	14:18	LB135424
	Arsenic	114	104	110	88.4	120	04/14/2025	14:18	LB135424
	Barium	479	537	89	437	637	04/14/2025	14:18	LB135424
	Beryllium	493	495	100	420	570	04/14/2025	14:18	LB135424
	Cadmium	1040	972	107	826	1120	04/14/2025	14:18	LB135424
	Calcium	226000	235000	96	199000	271000	04/14/2025	14:18	LB135424
	Chromium	553	542	102	460	624	04/14/2025	14:18	LB135424
	Cobalt	507	476	106	404	548	04/14/2025	14:18	LB135424
	Copper	506	511	99	434	588	04/14/2025	14:18	LB135424
	Iron	95200	99300	96	84400	114500	04/14/2025	14:18	LB135424
	Lead	53.8	49.0	110	37	61	04/14/2025	14:18	LB135424
	Magnesium	243000	248000	98	210000	286000	04/14/2025	14:18	LB135424
	Manganese	471	507	93	430	584	04/14/2025	14:18	LB135424
	Nickel	1000	954	105	810	1100	04/14/2025	14:18	LB135424
	Potassium	-12.3			0	0	04/14/2025	14:18	LB135424
	Selenium	47.1	46.0	102	26	66	04/14/2025	14:18	LB135424
	Silver	179	201	89	170	232	04/14/2025	14:18	LB135424
	Sodium	66.6			0	0	04/14/2025	14:18	LB135424
	Thallium	103	108	95	68	148	04/14/2025	14:18	LB135424

Metals

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	473	491	96	417	565	04/14/2025	14:18	LB135424
	Zinc	1040	952	109	809	1095	04/14/2025	14:18	LB135424



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1736
contract: GENV01 **lab code:** CHEM **case no.:** Q1736 **sas no.:** Q1736
matrix: Solid **sample id:** Q1738-01 **client id:** OK-02-040425MS
Percent Solids for Sample: 86.1 **Spiked ID:** Q1738-01MS **Percent Solids for Spike Sample:** 86.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	6760		7390		110	-572		P
Antimony	mg/Kg	79 - 114	34.4		2.81	U	42.6	81		P
Arsenic	mg/Kg	82 - 111	36.0		2.02		42.6	80	N	P
Barium	mg/Kg	83 - 113	28.2		20.7		10.7	70	N	P
Beryllium	mg/Kg	83 - 113	8.26		0.42		10.7	73	N	P
Cadmium	mg/Kg	82 - 113	10.5		0.41		10.7	94		P
Calcium	mg/Kg	81 - 116	4380		5530		53.3	-2170		P
Chromium	mg/Kg	85 - 113	29.3		13.6		21.3	74	N	P
Cobalt	mg/Kg	85 - 112	19.7		11.0		10.7	81	N	P
Copper	mg/Kg	81 - 117	40.5		31.9		16.0	54	N	P
Iron	mg/Kg	81 - 118	15100		15400		160	-195		P
Lead	mg/Kg	81 - 112	57.9		9.05		53.3	92		P
Magnesium	mg/Kg	78 - 115	3640		4120		110	-437		P
Manganese	mg/Kg	84 - 114	188		190		10.7	-18		P
Nickel	mg/Kg	83 - 113	38.3		15.1		26.6	87		P
Potassium	mg/Kg	81 - 116	1260		772		530	93		P
Selenium	mg/Kg	78 - 111	82.8		1.12	U	110	75	N	P
Silver	mg/Kg	82 - 112	2.65		0.56	U	4.0	66	N	P
Sodium	mg/Kg	83 - 118	733		642		160	57		P
Thallium	mg/Kg	83 - 111	95.7		2.24	U	110	87		P
Vanadium	mg/Kg	82 - 114	44.8		35.8		16.0	56	N	P
Zinc	mg/Kg	82 - 113	33.5		27.5		10.7	57	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1736
contract: GENV01 **lab code:** CHEM **case no.:** Q1736 **sas no.:** Q1736
matrix: Solid **sample id:** Q1738-01 **client id:** OK-02-040425MSD
Percent Solids for Sample: 86.1 **Spiked ID:** Q1738-01MSD **Percent Solids for Spike Sample:** 86.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	6640		7390		100	-758		P
Antimony	mg/Kg	79 - 114	33.1		2.81	U	41.1	80		P
Arsenic	mg/Kg	82 - 111	35.2		2.02		41.1	81	N	P
Barium	mg/Kg	83 - 113	27.5		20.7		10.3	66	N	P
Beryllium	mg/Kg	83 - 113	8.54		0.42		10.3	79	N	P
Cadmium	mg/Kg	82 - 113	10.4		0.41		10.3	97		P
Calcium	mg/Kg	81 - 116	3970		5530		51.4	-3041		P
Chromium	mg/Kg	85 - 113	28.2		13.6		20.6	71	N	P
Cobalt	mg/Kg	85 - 112	19.3		11.0		10.3	80	N	P
Copper	mg/Kg	81 - 117	40.0		31.9		15.4	53	N	P
Iron	mg/Kg	81 - 118	13900		15400		150	-1063		P
Lead	mg/Kg	81 - 112	56.6		9.05		51.4	92		P
Magnesium	mg/Kg	78 - 115	3470		4120		100	-651		P
Manganese	mg/Kg	84 - 114	185		190		10.3	-44		P
Nickel	mg/Kg	83 - 113	37.4		15.1		25.7	87		P
Potassium	mg/Kg	81 - 116	1170		772		510	78	N	P
Selenium	mg/Kg	78 - 111	81.0		1.12	U	100	81		P
Silver	mg/Kg	82 - 112	2.39		0.56	U	3.9	61	N	P
Sodium	mg/Kg	83 - 118	661		642		150	13		P
Thallium	mg/Kg	83 - 111	93.2		2.24	U	100	93		P
Vanadium	mg/Kg	82 - 114	43.5		35.8		15.4	50	N	P
Zinc	mg/Kg	82 - 113	32.5		27.5		10.3	48	N	P

metals
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MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1736</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1736</u> sas no.: <u>Q1736</u>
matrix: <u>Solid</u>	sample id: <u>Q1743-01</u>	client id: <u>TP-16MS</u>
Percent Solids for Sample: 94.6	Spiked ID: Q1743-01MS	Percent Solids for Spike Sample: 94.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.25		0.027		0.27	84		CV

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client:	G Environmental	level:	low	sdg no.:	Q1736		
contract:	GENV01	lab code:	CHEM	case no.:	Q1736	sas no.:	Q1736
matrix:	Solid	sample id:	Q1743-01	client id:	TP-16MSD		
Percent Solids for Sample:	94.6	Spiked ID:	Q1743-01MSD	Percent Solids for Spike Sample:	94.6		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.26		0.027		0.26	90		CV

Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
Matrix: Solid **Level:** LOW **Client ID:** OK-02-040425A
Sample ID: Q1738-01 **Spiked ID:** Q1738-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	82 - 111	37.8		2.02		44.9	80		P
Barium	mg/Kg	83 - 113	30.5		20.7		11.2	87		P
Beryllium	mg/Kg	83 - 113	8.80		0.42		11.2	75		P
Chromium	mg/Kg	85 - 113	30.4		13.6		22.4	75		P
Cobalt	mg/Kg	85 - 112	21.0		11.0		11.2	89		P
Copper	mg/Kg	81 - 117	43.2		31.9		16.8	67		P
Potassium	mg/Kg	81 - 116	1330		772		560	99		P
Selenium	mg/Kg	78 - 111	86.7		1.12	U	110	79		P
Silver	mg/Kg	82 - 112	2.71		0.56	U	4.20	64		P
Vanadium	mg/Kg	82 - 114	47.8		35.8		16.8	71		P
Zinc	mg/Kg	82 - 113	35.1		27.5		11.2	68		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
Matrix: Solid **Sample ID:** Q1738-01 **Client ID:** OK-02-040425DUP
Percent Solids for Sample: 86.1 **Duplicate ID** Q1738-01DUP **Percent Solids for Spike Sample:** 86.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7390		7040		5		P
Antimony	mg/Kg	20	2.81	U	2.81	U			P
Arsenic	mg/Kg	20	2.02		2.12		5		P
Barium	mg/Kg	20	20.7		22.8		10		P
Beryllium	mg/Kg	20	0.42		0.39		7		P
Cadmium	mg/Kg	20	0.41		0.044	J	161	*	P
Calcium	mg/Kg	20	5530		3660		41	*	P
Chromium	mg/Kg	20	13.6		13.9		2		P
Cobalt	mg/Kg	20	11.0		9.80		12		P
Copper	mg/Kg	20	31.9		29.3		8		P
Iron	mg/Kg	20	15400		16300		6		P
Lead	mg/Kg	20	9.05		9.28		3		P
Magnesium	mg/Kg	20	4120		3500		16		P
Manganese	mg/Kg	20	190		200		5		P
Nickel	mg/Kg	20	15.1		13.9		8		P
Potassium	mg/Kg	20	772		957		21	*	P
Selenium	mg/Kg	20	1.12	U	1.12	U			P
Silver	mg/Kg	20	0.56	U	0.56	U			P
Sodium	mg/Kg	20	642		629		2		P
Thallium	mg/Kg	20	2.24	U	2.24	U			P
Vanadium	mg/Kg	20	35.8		34.7		3		P
Zinc	mg/Kg	20	27.5		26.1		5		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736
Matrix: Solid **Sample ID:** Q1738-01MS **Client ID:** OK-02-040425MSD
Percent Solids for Sample: 86.1 **Duplicate ID** Q1738-01MSD **Percent Solids for Spike Sample:** 86.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6760		6640		2		P
Antimony	mg/Kg	20	34.4		33.1		4		P
Arsenic	mg/Kg	20	36.0		35.2		2		P
Barium	mg/Kg	20	28.2		27.5		3		P
Beryllium	mg/Kg	20	8.26		8.54		3		P
Cadmium	mg/Kg	20	10.5		10.4		0		P
Calcium	mg/Kg	20	4380		3970		10		P
Chromium	mg/Kg	20	29.3		28.2		4		P
Cobalt	mg/Kg	20	19.7		19.3		2		P
Copper	mg/Kg	20	40.5		40.0		1		P
Iron	mg/Kg	20	15100		13900		8		P
Lead	mg/Kg	20	57.9		56.6		2		P
Magnesium	mg/Kg	20	3640		3470		5		P
Manganese	mg/Kg	20	188		185		2		P
Nickel	mg/Kg	20	38.3		37.4		2		P
Potassium	mg/Kg	20	1260		1170		7		P
Selenium	mg/Kg	20	82.8		81.0		2		P
Silver	mg/Kg	20	2.65		2.39		10		P
Sodium	mg/Kg	20	733		661		10		P
Thallium	mg/Kg	20	95.7		93.2		3		P
Vanadium	mg/Kg	20	44.8		43.5		3		P
Zinc	mg/Kg	20	33.5		32.5		3		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1736</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1736</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1743-01</u>	Client ID:	<u>TP-16DUP</u>
Percent Solids for Sample:	94.6	Duplicate ID	Q1743-01DUP	Percent Solids for Spike Sample:	94.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.027		0.028		4		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1736</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1736</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1743-01MS</u>	Client ID:	<u>TP-16MSD</u>
Percent Solids for Sample:	94.6	Duplicate ID	Q1743-01MSD	Percent Solids for Spike Sample:	94.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.25		0.26		3		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1736 **SAS No.:** Q1736

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167482BS							
Aluminum	mg/Kg	92.6	79.7		86	74 - 119	P
Antimony	mg/Kg	37.0	34.8		94	79 - 114	P
Arsenic	mg/Kg	37.0	34.7		94	82 - 111	P
Barium	mg/Kg	9.3	8.17		88	83 - 113	P
Beryllium	mg/Kg	9.3	7.92		85	83 - 113	P
Cadmium	mg/Kg	9.3	8.67		93	82 - 113	P
Calcium	mg/Kg	46.3	41.7	J	90	81 - 116	P
Chromium	mg/Kg	18.5	16.9		91	85 - 113	P
Cobalt	mg/Kg	9.3	8.37		90	85 - 112	P
Copper	mg/Kg	13.9	13.2		95	81 - 117	P
Iron	mg/Kg	140	131		94	81 - 118	P
Lead	mg/Kg	46.3	42.7		92	81 - 112	P
Magnesium	mg/Kg	92.6	79.4	J	86	78 - 115	P
Manganese	mg/Kg	9.3	8.29		89	84 - 114	P
Nickel	mg/Kg	23.1	21.0		91	83 - 113	P
Potassium	mg/Kg	460	416		90	81 - 116	P
Selenium	mg/Kg	92.6	87.1		94	78 - 111	P
Silver	mg/Kg	3.5	3.12		89	82 - 112	P
Sodium	mg/Kg	140	121		86	83 - 118	P
Thallium	mg/Kg	92.6	88.3		95	83 - 111	P
Vanadium	mg/Kg	13.9	12.3		88	82 - 114	P
Zinc	mg/Kg	9.3	8.46		91	82 - 113	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q1736

Contract: GENV01

Lab Code: CHEM

Case No.: Q1736

SAS No.: Q1736

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167516BS Mercury	mg/Kg	0.25	0.21		85	80 - 124	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

OK-02-040425L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM Lb No.: lb135424 Lab Sample ID : Q1738-01L SDG No.: Q1736

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	7390		7920		7		P
Antimony	2.81	U	14.0	U			P
Arsenic	2.02		2.26	J	12		P
Barium	20.7		23.5	J	13		P
Beryllium	0.42		0.51	J	21		P
Cadmium	0.41		1.68	U	100.0		P
Calcium	5530		6300		14		P
Chromium	13.6		15.9		16		P
Cobalt	11.0		10.5		4		P
Copper	31.9		37.1		16		P
Iron	15400		17900		16		P
Lead	9.05		9.30		3		P
Magnesium	4120		4610		12		P
Manganese	190		222		17		P
Nickel	15.1		14.7		2		P
Potassium	772		832		8		P
Selenium	1.12	U	5.61	U			P
Silver	0.56	U	2.81	U			P
Sodium	642		645		0		P
Thallium	2.24	U	11.2	U			P
Vanadium	35.8		41.2		15		P
Zinc	27.5		32.0		16		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-16L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM

Lb No.: lb135337

Lab Sample ID : Q1743-01L

SDG No.: Q1736

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.027	0.053 J	93		CV

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1736 **Sas no.:** Q1736 **Sdg no.:** Q1736

Instrument id number: **Method:** **Run number:** LB135337

Start date: 04/08/2025 **End date:** 04/08/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0928	HG
S0.2	S0.2	1	0930	HG
S2.5	S2.5	1	0933	HG
S5	S5	1	0935	HG
S7.5	S7.5	1	0937	HG
S10	S10	1	0940	HG
ICV80	ICV80	1	0943	HG
ICB80	ICB80	1	0945	HG
CCV42	CCV42	1	0947	HG
CCB42	CCB42	1	0949	HG
CRA	CRA	1	0952	HG
PB167516BL	PB167516BL	1	0959	HG
PB167516BS	PB167516BS	1	1001	HG
CCV43	CCV43	1	1015	HG
CCB43	CCB43	1	1017	HG
Q1736-01	GST1	1	1038	HG
Q1736-02	GST2	1	1040	HG
CCV44	CCV44	1	1042	HG
CCB44	CCB44	1	1044	HG
Q1743-01DUP	TP-16DUP	1	1056	HG
Q1743-01MS	TP-16MS	1	1058	HG
Q1743-01MSD	TP-16MSD	1	1100	HG
Q1743-01L	TP-16L	5	1109	HG
CCV45	CCV45	1	1114	HG
CCB45	CCB45	1	1116	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1736 **Sas no.:** Q1736 **Sdg no.:** Q1736

Instrument id number: **Method:** **Run number:** LB135424

Start date: 04/14/2025 **End date:** 04/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1317	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1322	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1326	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1356	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1409	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1431	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1522	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1628	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1632	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1718	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1722	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167482BL	PB167482BL	1	1800	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167482BS	PB167482BS	1	1812	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1816	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1820	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1907	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1911	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1736-01	GST1	1	1953	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1957	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2001	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1736-02	GST2	1	2005	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1738-01DUP	OK-02-040425DUP	1	2014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1738-01L	OK-02-040425L	5	2018	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1738-01MS	OK-02-040425MS	1	2022	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1738-01MSD	OK-02-040425MSD	1	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1738-01A	OK-02-040425A	1	2030	Ag,As,Ba,Be,Co,Cr,Cu,K,Se,V,Zn
CCV08	CCV08	1	2048	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2052	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2138	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2228	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: CHEM **Case no.:** Q1736 **Sas no.:** Q1736

Sdg no.: Q1736

Instrument id number: **Method:**

Run number: LB135424

Start date: 04/14/2025 **End date:** 04/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV11	CCV11	1	2240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	2306	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2311	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1736

Contract: GENV01

Lab Code: CHEM

Case No.: Q1736

SAS No.: Q1736

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1736

Contract: GENV01

Lab Code: CHEM

Case No.: Q1736

SAS No.: Q1736

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1736

Contract: GENV01

Lab Code: CHEM

Case No.: Q1736

SAS No.: Q1736

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1736

Contract: GENV01

Lab Code: CHEM

Case No.: Q1736

SAS No.: Q1736

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1736

Contract: GENV01

Lab Code: CHEM

Case No.: Q1736

SAS No.: Q1736

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q1736	OrderDate:	4/4/2025 1:39:00 PM
Client:	G Environmental	Project:	Stockton
Contact:	Gary Landis	Location:	L21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1736-01	GST1	SOIL			04/04/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	
Q1736-02	GST2	SOIL			04/04/25			04/04/25
			Mercury	7471B		04/08/25	04/08/25	
			Metals ICP-TAL	6010D		04/07/25	04/14/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Method:**
Case No.: Q1736 **SAS No.:** Q1736

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167482							
PB167482BL	PB167482BL	MB	SOLID	04/07/2025	2.20	100.0	100.00
PB167482BS	PB167482BS	LCS	SOLID	04/07/2025	2.16	100.0	100.00
Q1736-01	GST1	SAM	SOLID	04/07/2025	2.23	100.0	78.60
Q1736-02	GST2	SAM	SOLID	04/07/2025	2.31	100.0	80.50
Q1738-01DUP	OK-02-040425DUP	DUP	SOLID	04/07/2025	2.07	100.0	86.10
Q1738-01MS	OK-02-040425MS	MS	SOLID	04/07/2025	2.18	100.0	86.10
Q1738-01MSD	OK-02-040425MSD	MSD	SOLID	04/07/2025	2.26	100.0	86.10

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1736
Contract: GENV01 **Lab Code:** CHEM **Method:**
Case No.: Q1736 **SAS No.:** Q1736

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167516							
PB167516BL	PB167516BL	MB	SOLID	04/08/2025	0.52	35.0	100.00
PB167516BS	PB167516BS	LCS	SOLID	04/08/2025	0.57	35.0	100.00
Q1736-01	GST1	SAM	SOLID	04/08/2025	0.58	35.0	78.60
Q1736-02	GST2	SAM	SOLID	04/08/2025	0.58	35.0	80.50
Q1743-01DUP	TP-16DUP	DUP	SOLID	04/08/2025	0.53	35.0	94.60
Q1743-01MS	TP-16MS	MS	SOLID	04/08/2025	0.55	35.0	94.60
Q1743-01MSD	TP-16MSD	MSD	SOLID	04/08/2025	0.58	35.0	94.60

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135337

Review By	mohan	Review On	4/16/2025 12:00:31 PM
Supervise By	Sagar	Supervise On	4/16/2025 12:02:38 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85158,MP85159,MP85160,MP85161,MP85162,MP85163		
ICV Standard	MP85164		
CCV Standard	MP85166		
ICSA Standard			
CRI Standard	MP85168		
LCS Standard			
Chk Standard	MP85165,MP85167,MP85169,MP85171		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/08/25 09:28		mohan	OK
2	S0.2	S0.2	CAL2	04/08/25 09:30		mohan	OK
3	S2.5	S2.5	CAL3	04/08/25 09:33		mohan	OK
4	S5	S5	CAL4	04/08/25 09:35		mohan	OK
5	S7.5	S7.5	CAL5	04/08/25 09:37		mohan	OK
6	S10	S10	CAL6	04/08/25 09:40		mohan	OK
7	ICV80	ICV80	ICV	04/08/25 09:43		mohan	OK
8	ICB80	ICB80	ICB	04/08/25 09:45		mohan	OK
9	CCV42	CCV42	CCV	04/08/25 09:47		mohan	OK
10	CCB42	CCB42	CCB	04/08/25 09:49		mohan	OK
11	CRA	CRA	CRDL	04/08/25 09:52		mohan	OK
12	HighStd	HighStd	HIGH STD	04/08/25 09:54		mohan	OK
13	ChkStd	ChkStd	SAM	04/08/25 09:56		mohan	OK
14	PB167516BL	PB167516BL	MB	04/08/25 09:59		mohan	OK
15	PB167516BS	PB167516BS	LCS	04/08/25 10:01		mohan	OK
16	Q1730-01	OU4-VSL-15-040325	SAM	04/08/25 10:03		mohan	OK
17	Q1730-03	OU4-VSL-16-040325	SAM	04/08/25 10:06		mohan	OK
18	Q1730-05	OU4-VSL-17-040325	SAM	04/08/25 10:08		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135337

Review By	mohan	Review On	4/16/2025 12:00:31 PM
Supervise By	Sagar	Supervise On	4/16/2025 12:02:38 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85158,MP85159,MP85160,MP85161,MP85162,MP85163		
ICV Standard	MP85164		
CCV Standard	MP85166		
ICSA Standard			
CRI Standard	MP85168		
LCS Standard			
Chk Standard	MP85165,MP85167,MP85169,MP85171		

19	Q1730-07	OU4-PCS-TC-21-0403	SAM	04/08/25 10:10		mohan	OK
20	Q1730-09	OU4-PCS-TC-22-0403	SAM	04/08/25 10:13		mohan	OK
21	CCV43	CCV43	CCV	04/08/25 10:15		mohan	OK
22	CCB43	CCB43	CCB	04/08/25 10:17		mohan	OK
23	Q1730-11	OU4-PCS-TC-23-0403	SAM	04/08/25 10:19		mohan	OK
24	Q1730-13	OU4-PCS-TC-24-0403	SAM	04/08/25 10:22		mohan	OK
25	Q1730-15	OU4-PCS-TC-25-0403	SAM	04/08/25 10:24		mohan	OK
26	Q1730-17	OU4-PCS-TC-26-0403	SAM	04/08/25 10:26		mohan	OK
27	Q1730-19	OU4-CF-15-040325	SAM	04/08/25 10:28		mohan	OK
28	Q1732-01	TT-8	SAM	04/08/25 10:31		mohan	OK
29	Q1733-01	ETGI-328	SAM	04/08/25 10:33		mohan	OK
30	Q1735-01	50660-50661-50662-5	SAM	04/08/25 10:35		mohan	OK
31	Q1736-01	GST1	SAM	04/08/25 10:38		mohan	OK
32	Q1736-02	GST2	SAM	04/08/25 10:40		mohan	OK
33	CCV44	CCV44	CCV	04/08/25 10:42		mohan	OK
34	CCB44	CCB44	CCB	04/08/25 10:44		mohan	OK
35	Q1737-01	RT3069	SAM	04/08/25 10:47		mohan	OK
36	Q1738-01	OK-02-040425	SAM	04/08/25 10:49		mohan	OK
37	Q1740-01	TP-20	SAM	04/08/25 10:51		mohan	OK
38	Q1743-01	TP-16	SAM	04/08/25 10:54		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135337

Review By	mohan	Review On	4/16/2025 12:00:31 PM
Supervise By	Sagar	Supervise On	4/16/2025 12:02:38 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85158,MP85159,MP85160,MP85161,MP85162,MP85163		
ICV Standard	MP85164		
CCV Standard	MP85166		
ICSA Standard			
CRI Standard	MP85168		
LCS Standard			
Chk Standard	MP85165,MP85167,MP85169,MP85171		

39	Q1743-01DUP	TP-16DUP	DUP	04/08/25 10:56		mohan	OK
40	Q1743-01MS	TP-16MS	MS	04/08/25 10:58		mohan	OK
41	Q1743-01MSD	TP-16MSD	MSD	04/08/25 11:00		mohan	OK
42	Q1743-01L	TP-16L	SD	04/08/25 11:09		mohan	OK
43	Q1743-01A	TP-16A	PS	04/08/25 11:11		mohan	OK
44	CCV45	CCV45	CCV	04/08/25 11:14		mohan	OK
45	CCB45	CCB45	CCB	04/08/25 11:16		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135424

Review By	jaswal	Review On	4/15/2025 1:01:00 PM
Supervise By	mohan	Supervise On	4/15/2025 1:12:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/14/25 13:13		Kareem	OK
2	S1	S1	CAL2	04/14/25 13:17		Kareem	OK
3	S2	S2	CAL3	04/14/25 13:22		Kareem	OK
4	S3	S3	CAL4	04/14/25 13:26		Kareem	OK
5	S4	S4	CAL5	04/14/25 13:30		Kareem	OK
6	S5	S5	CAL6	04/14/25 13:34		Kareem	OK
7	ICV01	ICV01	ICV	04/14/25 13:56		Kareem	OK
8	LLICV01	LLICV01	LLICV	04/14/25 14:01		Kareem	OK
9	ICB01	ICB01	ICB	04/14/25 14:05		Kareem	OK
10	CRI01	CRI01	CRDL	04/14/25 14:09		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/14/25 14:14		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/14/25 14:18		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/14/25 14:22		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/14/25 14:27		Kareem	OK
15	CCV01	CCV01	CCV	04/14/25 14:31		Kareem	OK
16	CCB01	CCB01	CCB	04/14/25 14:35		Kareem	OK
17	Q1743-04	TP-16	SAM	04/14/25 14:39		Kareem	OK
18	Q1743-04DUP	TP-16DUP	DUP	04/14/25 14:44		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135424

Review By	jaswal	Review On	4/15/2025 1:01:00 PM
Supervise By	mohan	Supervise On	4/15/2025 1:12:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

19	Q1743-04L	TP-16L	SD	04/14/25 14:48		Kareem	OK
20	Q1743-04MS	TP-16MS	MS	04/14/25 14:52		Kareem	OK
21	Q1743-04MSD	TP-16MSD	MSD	04/14/25 14:57		Kareem	OK
22	Q1743-04A	TP-16A	PS	04/14/25 15:01		Kareem	OK
23	Q1774-02	TT-073-IDWGW-2025	SAM	04/14/25 15:05		Kareem	OK
24	Q1774-03	TT-074-IDWGW-2025	SAM	04/14/25 15:09		Kareem	OK
25	Q1774-04	TT-075-IDWGW-2025	SAM	04/14/25 15:14		Kareem	OK
26	Q1774-02DUP	TT-073-IDWGW-2025	DUP	04/14/25 15:18		Kareem	OK
27	CCV02	CCV02	CCV	04/14/25 15:22		Kareem	OK
28	CCB02	CCB02	CCB	04/14/25 15:26		Kareem	OK
29	Q1774-02L	TT-073-IDWGW-2025	SD	04/14/25 15:31		Kareem	OK
30	Q1774-02MS	TT-073-IDWGW-2025	MS	04/14/25 15:35		Kareem	OK
31	Q1774-02MSD	TT-073-IDWGW-2025	MSD	04/14/25 15:39		Kareem	OK
32	Q1774-02A	TT-073-IDWGW-2025	PS	04/14/25 15:43		Kareem	OK
33	Q1705-04	ETGI-327	SAM	04/14/25 15:47		Kareem	OK
34	Q1705-05	ETGI-275	SAM	04/14/25 15:52		Kareem	OK
35	PB167533BL	PB167533BL	MB	04/14/25 15:56		Kareem	OK
36	PB167533BS	PB167533BS	LCS	04/14/25 16:01		Kareem	OK
37	Q1753-04	WC-1	SAM	04/14/25 16:05		Kareem	OK
38	Q1753-08	WC-2	SAM	04/14/25 16:09		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135424

Review By	jaswal	Review On	4/15/2025 1:01:00 PM
Supervise By	mohan	Supervise On	4/15/2025 1:12:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

39	CCV03	CCV03	CCV	04/14/25 16:28		Kareem	OK
40	CCB03	CCB03	CCB	04/14/25 16:32		Kareem	OK
41	Q1753-01	WC-1	SAM	04/14/25 16:37		Kareem	OK
42	Q1753-05	WC-2	SAM	04/14/25 16:41		Kareem	OK
43	Q1768-01	CRUSHED STONE	SAM	04/14/25 16:45	Zn high	Kareem	Dilution
44	Q1756-01	TP-9	SAM	04/14/25 16:49		Kareem	OK
45	Q1760-01	TP-17	SAM	04/14/25 16:53		Kareem	OK
46	Q1760-05	TP-15	SAM	04/14/25 16:57		Kareem	OK
47	Q1779-01	TP-22	SAM	04/14/25 17:01		Kareem	OK
48	Q1779-05	TP-23	SAM	04/14/25 17:06		Kareem	OK
49	Q1779-05DUP	TP-23DUP	DUP	04/14/25 17:10		Kareem	OK
50	Q1779-05L	TP-23L	SD	04/14/25 17:14		Kareem	OK
51	CCV04	CCV04	CCV	04/14/25 17:18		Kareem	OK
52	CCB04	CCB04	CCB	04/14/25 17:22		Kareem	OK
53	Q1779-05MS	TP-23MS	MS	04/14/25 17:27		Kareem	OK
54	Q1779-05MSD	TP-23MSD	MSD	04/14/25 17:31		Kareem	OK
55	Q1779-05A	TP-23A	PS	04/14/25 17:35		Kareem	OK
56	Q1781-01	WC-13	SAM	04/14/25 17:39		Kareem	OK
57	Q1781-05	WC-12	SAM	04/14/25 17:43		Kareem	OK
58	Q1781-09	WC-11	SAM	04/14/25 17:48		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135424

Review By	jaswal	Review On	4/15/2025 1:01:00 PM
Supervise By	mohan	Supervise On	4/15/2025 1:12:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

59	PB167567BL	PB167567BL	MB	04/14/25 17:52		Kareem	OK
60	PB167567BS	PB167567BS	LCS	04/14/25 17:56		Kareem	OK
61	PB167482BL	PB167482BL	MB	04/14/25 18:00		Kareem	OK
62	PB167482BS	PB167482BS	LCS	04/14/25 18:12		Kareem	OK
63	CCV05	CCV05	CCV	04/14/25 18:16		Kareem	OK
64	CCB05	CCB05	CCB	04/14/25 18:20		Kareem	OK
65	PB167530BL	PB167530BL	MB	04/14/25 18:25		Kareem	OK
66	PB167530BS	PB167530BS	LCS	04/14/25 18:29		Kareem	OK
67	PB167548BL	PB167548BL	MB	04/14/25 18:33		Kareem	OK
68	PB167548BS	PB167548BS	LCS	04/14/25 18:38		Kareem	OK
69	PB167566BL	PB167566BL	MB	04/14/25 18:42		Kareem	OK
70	PB167566BS	PB167566BS	LCS	04/14/25 18:46		Kareem	OK
71	PB167500BL	PB167500BL	MB	04/14/25 18:50		Kareem	OK
72	PB167500BS	PB167500BS	LCS	04/14/25 18:54		Kareem	OK
73	Q1768-01DL	CRUSHED STONEDL	SAM	04/14/25 18:58	5X for Zn	Kareem	Confirms
74	Q1730-01	OU4-VSL-15-040325	SAM	04/14/25 19:02		Kareem	OK
75	CCV06	CCV06	CCV	04/14/25 19:07		Kareem	OK
76	CCB06	CCB06	CCB	04/14/25 19:11		Kareem	OK
77	Q1730-03	OU4-VSL-16-040325	SAM	04/14/25 19:15		Kareem	OK
78	Q1730-05	OU4-VSL-17-040325	SAM	04/14/25 19:19		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135424

Review By	jaswal	Review On	4/15/2025 1:01:00 PM
Supervise By	mohan	Supervise On	4/15/2025 1:12:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

79	Q1730-07	OU4-PCS-TC-21-0403	SAM	04/14/25 19:23		Kareem	OK
80	Q1730-09	OU4-PCS-TC-22-0403	SAM	04/14/25 19:27		Kareem	OK
81	Q1730-11	OU4-PCS-TC-23-0403	SAM	04/14/25 19:32		Kareem	OK
82	Q1730-13	OU4-PCS-TC-24-0403	SAM	04/14/25 19:36		Kareem	OK
83	Q1730-15	OU4-PCS-TC-25-0403	SAM	04/14/25 19:40		Kareem	OK
84	Q1730-17	OU4-PCS-TC-26-0403	SAM	04/14/25 19:44		Kareem	OK
85	Q1730-19	OU4-CF-15-040325	SAM	04/14/25 19:49		Kareem	OK
86	Q1736-01	GST1	SAM	04/14/25 19:53		Kareem	OK
87	CCV07	CCV07	CCV	04/14/25 19:57		Kareem	OK
88	CCB07	CCB07	CCB	04/14/25 20:01		Kareem	OK
89	Q1736-02	GST2	SAM	04/14/25 20:05		Kareem	OK
90	Q1738-01	OK-02-040425	SAM	04/14/25 20:10		Kareem	OK
91	Q1738-01DUP	OK-02-040425DUP	DUP	04/14/25 20:14		Kareem	OK
92	Q1738-01L	OK-02-040425L	SD	04/14/25 20:18		Kareem	OK
93	Q1738-01MS	OK-02-040425MS	MS	04/14/25 20:22		Kareem	OK
94	Q1738-01MSD	OK-02-040425MSD	MSD	04/14/25 20:26		Kareem	OK
95	Q1738-01A	OK-02-040425A	PS	04/14/25 20:30		Kareem	OK
96	Q1746-02	B-149-SB01	SAM	04/14/25 20:34		Kareem	OK
97	Q1746-04	B-149-SB02	SAM	04/14/25 20:39		Kareem	OK
98	Q1749-04	TP-14	SAM	04/14/25 20:43		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135424

Review By	jaswal	Review On	4/15/2025 1:01:00 PM
Supervise By	mohan	Supervise On	4/15/2025 1:12:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

99	CCV08	CCV08	CCV	04/14/25 20:48		Kareem	OK
100	CCB08	CCB08	CCB	04/14/25 20:52		Kareem	OK
101	Q1746-05	B-158-GW01	SAM	04/14/25 20:56		Kareem	OK
102	Q1746-06	B-149-GW01	SAM	04/14/25 21:00		Kareem	OK
103	Q1746-06DUP	B-149-GW01DUP	DUP	04/14/25 21:05		Kareem	OK
104	Q1746-06L	B-149-GW01L	SD	04/14/25 21:09		Kareem	OK
105	Q1746-06MS	B-149-GW01MS	MS	04/14/25 21:13		Kareem	OK
106	Q1746-06MSD	B-149-GW01MSD	MSD	04/14/25 21:17		Kareem	OK
107	Q1746-06A	B-149-GW01A	PS	04/14/25 21:21		Kareem	OK
108	Q1746-07	EB-2025-4-7	SAM	04/14/25 21:25		Kareem	OK
109	Q1771-01	TP-6C	SAM	04/14/25 21:30		Kareem	OK
110	Q1771-05	TP-7C	SAM	04/14/25 21:34		Kareem	OK
111	CCV09	CCV09	CCV	04/14/25 21:38		Kareem	OK
112	CCB09	CCB09	CCB	04/14/25 21:42		Kareem	OK
113	Q1771-09	TP-3A	SAM	04/14/25 21:46		Kareem	OK
114	Q1771-09DUP	TP-3ADUP	DUP	04/14/25 21:50		Kareem	OK
115	Q1771-09L	TP-3AL	SD	04/14/25 21:55		Kareem	OK
116	Q1771-09MS	TP-3AMS	MS	04/14/25 21:59		Kareem	OK
117	Q1771-09MSD	TP-3AMSD	MSD	04/14/25 22:03		Kareem	OK
118	Q1771-09A	TP-3AA	PS	04/14/25 22:07		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135424

Review By	jaswal	Review On	4/15/2025 1:01:00 PM
Supervise By	mohan	Supervise On	4/15/2025 1:12:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

119	Q1769-08	EB01-040925	SAM	04/14/25 22:11		Kareem	OK
120	Q1752-01	TP-1	SAM	04/14/25 22:15		Kareem	OK
121	Q1752-03	TP-2	SAM	04/14/25 22:19		Kareem	OK
122	Q1752-05	TP-4	SAM	04/14/25 22:23		Kareem	OK
123	CCV10	CCV10	CCV	04/14/25 22:28		Kareem	OK
124	CCB10	CCB10	CCB	04/14/25 22:32		Kareem	OK
125	Q1752-07	TP-3	SAM	04/14/25 22:36		Kareem	OK
126	CCV11	CCV11	CCV	04/14/25 22:40		Kareem	OK
127	CCB11	CCB11	CCB	04/14/25 22:44		Kareem	OK
128	Q1752-02	TP-1	SAM	04/14/25 22:49		Kareem	OK
129	Q1752-04	TP-2	SAM	04/14/25 22:53		Kareem	OK
130	Q1752-06	TP-4	SAM	04/14/25 22:57		Kareem	OK
131	Q1752-08	TP-3	SAM	04/14/25 23:02		Kareem	OK
132	CCV12	CCV12	CCV	04/14/25 23:06	Fail for Na	Kareem	OK
133	CCB12	CCB12	CCB	04/14/25 23:11		Kareem	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 04/07/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 04/07/2025 Time : 12:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: 

Supervisor Signature: 

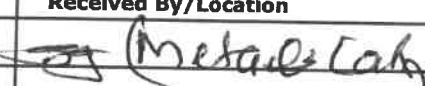
Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6003
LFS-2	1.00	M6012
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
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6158
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 3 CELL 35 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/07/25 13:10	SPS met.dig	
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB167482BL	PBS482	N/A	2.20	100	Colorless	Colorless	Fine	N/A	N/A	1
PB167482BS	LCS482	N/A	2.16	100	Colorless	Colorless	Fine	N/A	M6003,M6012	2
Q1730-01	OU4-VSL-15-040325	N/A	2.36	100	Gray	Yellow	Medium	N/A	N/A	3
Q1730-03	OU4-VSL-16-040325	N/A	2.02	100	Gray	Yellow	Medium	N/A	N/A	4
Q1730-05	OU4-VSL-17-040325	N/A	2.46	100	Gray	Yellow	Medium	N/A	N/A	5
Q1730-07	OU4-PCS-TC-21-040325	N/A	2.09	100	Gray	Yellow	Medium	N/A	N/A	6
Q1730-09	OU4-PCS-TC-22-040325	N/A	2.10	100	Gray	Yellow	Medium	N/A	N/A	7
Q1730-11	OU4-PCS-TC-23-040325	N/A	2.08	100	Gray	Yellow	Medium	N/A	N/A	8
Q1730-13	OU4-PCS-TC-24-040325	N/A	2.34	100	Gray	Yellow	Medium	N/A	N/A	9
Q1730-15	OU4-PCS-TC-25-040325	N/A	2.19	100	Gray	Yellow	Medium	N/A	N/A	10
Q1730-17	OU4-PCS-TC-26-040325	N/A	2.33	100	Gray	Yellow	Medium	N/A	N/A	11
Q1730-19	OU4-CF-15-040325	N/A	2.47	100	Gray	Yellow	Medium	N/A	N/A	12
Q1732-01	TT-8	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	13
Q1733-01	ETGI-328	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	14
Q1735-01	50660-50661-50662-5663-COMP	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	15
Q1736-01	GST1	N/A	2.23	100	Black	Yellow	Medium	N/A	N/A	16
Q1736-02	GST2	N/A	2.31	100	Brown	Yellow	Medium	N/A	N/A	17
Q1737-01	RT3069	N/A	2.11	100	Black	Yellow	Medium	N/A	N/A	18
Q1738-01	OK-02-040425	N/A	2.07	100	Gray	Yellow	Medium	N/A	N/A	19
Q1738-01MS	OK-02-040425MS	N/A	2.18	100	Gray	Yellow	Medium	N/A	M6003,M6012	21
Q1738-01MSD	OK-02-040425MSD	N/A	2.26	100	Gray	Yellow	Medium	N/A	M6003,M6012	22
Q1738-01DUP	OK-02-040425DUP	N/A	2.07	100	Gray	Yellow	Medium	N/A	N/A	20
Q1740-01	TP-20	N/A	2.48	100	Brown	Yellow	Medium	N/A	N/A	23
Q1743-01	TP-16	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	24

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : NA

Hood ID : #1

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

Start Digest Date: 04/08/2025 Time : 07:20 Temp : 93 °C

End Digest Date: 04/08/2025 Time : 07:50 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 93°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85164
CCV	30mL	MP85166
CRA	30mL	MP85168
Blank Spike	0.48mL	MP85157
Matrix Spike	0.48mL	MP85157

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85170
KMnO4 (5%)	4.5mL	MP84564
Hydroxylamine HCL (12%)	2.0mL	MP84566
PTFE Boiling Stones	-----	M4583
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85158
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85159
2.5 ppb	S2.5	30mL	MP85160
5.0 ppb	S5.0	30mL	MP85161
7.5 ppb	S7.5	30mL	MP85162
10.0 ppb	S10.0	30mL	MP85163
ICV	ICV	30mL	MP85164
ICB	ICB	30mL	MP85165
CCV	CCV	30mL	MP85166
CCB	CCB	30mL	MP85167
CRI	CRI	30mL	MP85168
CHK STD	CHK STD	30mL	MP85169

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/8/25 8:35	MB - Dig. Lab	MB - metal Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167516BL	PBS516	0.52	35	NA	N/A	3-1
PB167516BS	LCS516	0.57	35	NA	MP85157	2
Q1730-01	OU4-VSL-15-040325	0.60	35	NA	N/A	3
Q1730-03	OU4-VSL-16-040325	0.58	35	NA	N/A	4
Q1730-05	OU4-VSL-17-040325	0.57	35	NA	N/A	5
Q1730-07	OU4-PCS-TC-21-040325	0.51	35	NA	N/A	6
Q1730-09	OU4-PCS-TC-22-040325	0.54	35	NA	N/A	7
Q1730-11	OU4-PCS-TC-23-040325	0.58	35	NA	N/A	8
Q1730-13	OU4-PCS-TC-24-040325	0.51	35	NA	N/A	9
Q1730-15	OU4-PCS-TC-25-040325	0.56	35	NA	N/A	10
Q1730-17	OU4-PCS-TC-26-040325	0.50	35	NA	N/A	11
Q1730-19	OU4-CF-15-040325	0.56	35	NA	N/A	12
Q1732-01	TT-8	0.52	35	NA	N/A	13
Q1733-01	ETGI-328	0.50	35	NA	N/A	14
Q1735-01	50660-50661-50662-5663-COMP	0.51	35	NA	N/A	15
Q1736-01	GST1	0.58	35	NA	N/A	16
Q1736-02	GST2	0.58	35	NA	N/A	17
Q1737-01	RT3069	0.56	35	NA	N/A	18
Q1738-01	OK-02-040425	0.55	35	NA	N/A	19
Q1740-01	TP-20	0.51	35	NA	N/A	20
Q1743-01	TP-16	0.53	35	NA	N/A	21
Q1743-01DUP	TP-16DUP	0.53	35	NA	N/A	22
Q1743-01MS	TP-16MS	0.55	35	NA	MP85157	23
Q1743-01MSD	TP-16MSD	0.58	35	NA	MP85157	24