

Hit Summary Sheet SW-846

SDG No.: Q1576 **Order ID:** Q1576
Client: G Environmental **Project ID:** Ave L

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW14								
Q1576-01	MW14	Water	Aluminum	14200		28.3	50.0	ug/L
Q1576-01	MW14	Water	Antimony	2.18	J	2.06	25.0	ug/L
Q1576-01	MW14	Water	Arsenic	28300	D	34.8	100	ug/L
Q1576-01	MW14	Water	Barium	377		6.28	50.0	ug/L
Q1576-01	MW14	Water	Beryllium	1.76	J	0.13	3.00	ug/L
Q1576-01	MW14	Water	Cadmium	22.1		0.094	3.00	ug/L
Q1576-01	MW14	Water	Calcium	151000		33.0	1000	ug/L
Q1576-01	MW14	Water	Chromium	137		0.66	5.00	ug/L
Q1576-01	MW14	Water	Cobalt	10.3	J	0.50	15.0	ug/L
Q1576-01	MW14	Water	Copper	512		7.07	10.0	ug/L
Q1576-01	MW14	Water	Iron	192000		18.5	50.0	ug/L
Q1576-01	MW14	Water	Lead	1010		3.51	6.00	ug/L
Q1576-01	MW14	Water	Magnesium	17500		39.4	1000	ug/L
Q1576-01	MW14	Water	Manganese	1100		1.46	10.0	ug/L
Q1576-01	MW14	Water	Mercury	10.3	D	0.15	0.40	ug/L
Q1576-01	MW14	Water	Nickel	31.0		0.85	20.0	ug/L
Q1576-01	MW14	Water	Potassium	17700		685	1000	ug/L
Q1576-01	MW14	Water	Sodium	127000		237	1000	ug/L
Q1576-01	MW14	Water	Thallium	13.9	J	2.32	20.0	ug/L
Q1576-01	MW14	Water	Vanadium	42.5		3.06	20.0	ug/L
Q1576-01	MW14	Water	Zinc	2390		1.75	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	MW14	SDG No.:	Q1576
Lab Sample ID:	Q1576-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14200		1	28.3	50.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-36-0	Antimony	2.18	J	1	2.06	25.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-38-2	Arsenic	28300	D	10	34.8	100	ug/L	03/18/25 10:05	03/24/25 16:15	SW6010	SW3010
7440-39-3	Barium	377	N	1	6.28	50.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-41-7	Beryllium	1.76	J	1	0.13	3.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-43-9	Cadmium	22.1		1	0.094	3.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-70-2	Calcium	151000		1	33.0	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-47-3	Chromium	137		1	0.66	5.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-48-4	Cobalt	10.3	J	1	0.50	15.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-50-8	Copper	512	N	1	7.07	10.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-89-6	Iron	192000		1	18.5	50.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-92-1	Lead	1010	N	1	3.51	6.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-95-4	Magnesium	17500		1	39.4	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-96-5	Manganese	1100		1	1.46	10.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-97-6	Mercury	10.3	DN	2	0.15	0.40	ug/L	03/18/25 08:35	03/18/25 14:49	SW7470A	
7440-02-0	Nickel	31.0		1	0.85	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-09-7	Potassium	17700		1	685	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-22-4	Silver	0.58	UN	1	0.58	5.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-23-5	Sodium	127000		1	237	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-28-0	Thallium	13.9	J	1	2.32	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-62-2	Vanadium	42.5		1	3.06	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-66-6	Zinc	2390		1	1.75	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	ligh Btrown	Clarity After:	Clear	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



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Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental				SDG No.:	Q1576				
Contract:	GENV01		Lab Code:	CHEM		Case No.:	Q1576		SAS No.:	Q1576
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB47	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	13:44	LB135071	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB23	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	13:49	LB135071
CCB24	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	14:19	LB135071
CCB25	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	14:56	LB135071

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/21/2025	10:11	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	10:11	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	10:11	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:11	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:11	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	10:11	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	10:11	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	10:11	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	10:11	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	10:11	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/21/2025	10:46	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	10:46	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	10:46	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:46	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:46	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	10:46	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	10:46	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	10:46	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	10:46	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	10:46	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
CCB02	Aluminum	100	+/-100	U	100	P	03/21/2025	11:37	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	11:37	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	11:37	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	11:37	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	11:37	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	11:37	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	11:37	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	11:37	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	11:37	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/21/2025	11:37	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
CCB03	Aluminum	100	+/-100	U	100	P	03/21/2025	12:31	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	12:31	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	12:31	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	12:31	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	12:31	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	12:31	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	12:31	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	12:31	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	12:31	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	12:31	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
CCB04	Aluminum	100	+/-100	U	100	P	03/21/2025	13:21	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	13:21	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	13:21	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	13:21	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	13:21	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	13:21	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	13:21	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	13:21	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	13:21	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	13:21	LB135126



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Client:	G Environmental			SDG No.:	Q1576
Contract:	GENV01	Lab Code:	CHEM	Case No.:	Q1576
				SAS No.:	Q1576

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	03/21/2025	13:21	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	13:21	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	13:21	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	13:21	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
CCB05	Aluminum	100	+/-100	U	100	P	03/21/2025	14:11	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	14:11	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	14:11	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	14:11	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	14:11	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	14:11	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	14:11	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	14:11	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	14:11	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	14:11	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
CCB06	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
	Aluminum	100	+/-100	U	100	P	03/21/2025	15:02	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	15:02	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	15:02	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:02	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:02	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/21/2025	15:02	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	15:02	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	15:02	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	15:02	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	15:02	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
CCB07	Aluminum	100	+/-100	U	100	P	03/21/2025	15:54	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	15:54	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	15:54	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:54	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:54	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	15:54	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	15:54	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	15:54	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	15:54	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	15:54	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
CCB08	Aluminum	100	+/-100	U	100	P	03/21/2025	16:48	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	16:48	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/21/2025	16:48	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	16:48	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	16:48	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	16:48	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	16:48	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	16:48	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	16:48	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	16:48	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	16:48	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	16:48	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	16:48	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	16:48	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
CCB09	Aluminum	100	+/-100	U	100	P	03/21/2025	17:30	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	17:30	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	17:30	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:30	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:30	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	17:30	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	17:30	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	17:30	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	17:30	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	17:30	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	17:30	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/21/2025	17:30	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	17:30	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	17:30	LB135126
CCB10	Aluminum	100	+/-100	U	100	P	03/21/2025	17:45	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	17:45	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	17:45	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:45	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:45	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	17:45	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	17:45	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	17:45	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	17:45	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	17:45	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/24/2025	10:49	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	10:49	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	10:49	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	10:49	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	10:49	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	10:49	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	10:49	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	10:49	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	10:49	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	10:49	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/24/2025	11:26	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	11:26	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	11:26	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	11:26	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	11:26	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	11:26	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	11:26	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	11:26	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	11:26	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	11:26	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
CCB02	Aluminum	100	+/-100	U	100	P	03/24/2025	12:17	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	12:17	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	12:17	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	12:17	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	12:17	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	12:17	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	12:17	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	12:17	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	12:17	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/24/2025	12:17	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
CCB03	Aluminum	100	+/-100	U	100	P	03/24/2025	13:11	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	13:11	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	13:11	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	13:11	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	13:11	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	13:11	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	13:11	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	13:11	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	13:11	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	13:11	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
CCB04	Aluminum	100	+/-100	U	100	P	03/24/2025	14:11	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	14:11	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	14:11	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	14:11	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	14:11	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	14:11	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	14:11	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	14:11	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	14:11	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	14:11	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/24/2025	14:11	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	14:11	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	14:11	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	14:11	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
CCB05	Aluminum	100	+/-100	U	100	P	03/24/2025	15:34	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	15:34	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	15:34	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	15:34	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	15:34	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	15:34	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	15:34	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	15:34	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	15:34	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	15:34	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
CCB06	Aluminum	100	+/-100	U	100	P	03/24/2025	16:43	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	16:43	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	16:43	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	16:43	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	16:43	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/24/2025	16:43	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	16:43	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	16:43	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	16:43	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	16:43	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
CCB07	Aluminum	100	+/-100	U	100	P	03/24/2025	17:33	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	17:33	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	17:33	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	17:33	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	17:33	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	17:33	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	17:33	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	17:33	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	17:33	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	17:33	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
CCB08	Aluminum	100	+/-100	U	100	P	03/24/2025	18:08	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	18:08	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1576							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1576	SAS No.: Q1576						
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	03/24/2025	18:08	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	18:08	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	18:08	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	18:08	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	18:08	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	18:08	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	18:08	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	18:08	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	18:08	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	18:08	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	18:08	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	18:08	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1576

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167196BL		WATER		Batch Number:	PB167196		Prep Date:	03/18/2025	
	Mercury	0.20	<0.20	U	0.20	CV	03/18/2025	14:01	LB135071

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1576

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167177BL	WATER			Batch Number:	PB167177		Prep Date:	03/18/2025	
	Aluminum	50.0	<50.0	U	50.0	P	03/21/2025	14:50	LB135126
	Antimony	25.0	<25.0	U	25.0	P	03/21/2025	14:50	LB135126
	Arsenic	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Barium	50.0	<50.0	U	50.0	P	03/21/2025	14:50	LB135126
	Beryllium	3.00	<3.00	U	3.00	P	03/21/2025	14:50	LB135126
	Cadmium	3.00	<3.00	U	3.00	P	03/21/2025	14:50	LB135126
	Calcium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Chromium	5.00	<5.00	U	5.00	P	03/21/2025	14:50	LB135126
	Cobalt	15.0	<15.0	U	15.0	P	03/21/2025	14:50	LB135126
	Copper	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Iron	50.0	<50.0	U	50.0	P	03/21/2025	14:50	LB135126
	Lead	6.00	<6.00	U	6.00	P	03/21/2025	14:50	LB135126
	Magnesium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Manganese	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Nickel	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126
	Potassium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Selenium	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Silver	5.00	<5.00	U	5.00	P	03/21/2025	14:50	LB135126
	Sodium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Thallium	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126
	Vanadium	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126
	Zinc	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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
ICV47	Mercury	4.20	4.0	105	90 - 110	CV	03/18/2025	13:42	LB135071

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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
CCV23	Mercury	5.18	5.0	104	90 - 110	CV	03/18/2025	13:47	LB135071
CCV24	Mercury	4.71	5.0	94	90 - 110	CV	03/18/2025	14:17	LB135071
CCV25	Mercury	4.79	5.0	96	90 - 110	CV	03/18/2025	14:54	LB135071

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	2480	2500	99	90 - 110	P	03/21/2025	10:02	LB135126
	Antimony	1040	1000	104	90 - 110	P	03/21/2025	10:02	LB135126
	Arsenic	1030	1000	103	90 - 110	P	03/21/2025	10:02	LB135126
	Barium	482	520	93	90 - 110	P	03/21/2025	10:02	LB135126
	Beryllium	485	510	95	90 - 110	P	03/21/2025	10:02	LB135126
	Cadmium	504	510	99	90 - 110	P	03/21/2025	10:02	LB135126
	Calcium	9710	10000	97	90 - 110	P	03/21/2025	10:02	LB135126
	Chromium	531	520	102	90 - 110	P	03/21/2025	10:02	LB135126
	Cobalt	511	520	98	90 - 110	P	03/21/2025	10:02	LB135126
	Copper	540	510	106	90 - 110	P	03/21/2025	10:02	LB135126
	Iron	9940	10000	99	90 - 110	P	03/21/2025	10:02	LB135126
	Lead	999	1000	100	90 - 110	P	03/21/2025	10:02	LB135126
	Magnesium	5770	6000	96	90 - 110	P	03/21/2025	10:02	LB135126
	Manganese	486	520	94	90 - 110	P	03/21/2025	10:02	LB135126
	Nickel	514	530	97	90 - 110	P	03/21/2025	10:02	LB135126
	Potassium	9780	9900	99	90 - 110	P	03/21/2025	10:02	LB135126
	Selenium	1070	1000	106	90 - 110	P	03/21/2025	10:02	LB135126
	Silver	257	250	103	90 - 110	P	03/21/2025	10:02	LB135126
	Sodium	9340	10000	93	90 - 110	P	03/21/2025	10:02	LB135126
	Thallium	1050	1000	105	90 - 110	P	03/21/2025	10:02	LB135126
	Vanadium	482	500	96	90 - 110	P	03/21/2025	10:02	LB135126
	Zinc	1040	1000	104	90 - 110	P	03/21/2025	10:02	LB135126

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	95.1	100	95	80 - 120	P	03/21/2025	10:07	LB135126
	Antimony	53.2	50.0	106	80 - 120	P	03/21/2025	10:07	LB135126
	Arsenic	20.9	20.0	104	80 - 120	P	03/21/2025	10:07	LB135126
	Barium	92.1	100	92	80 - 120	P	03/21/2025	10:07	LB135126
	Beryllium	5.86	6.0	98	80 - 120	P	03/21/2025	10:07	LB135126
	Cadmium	5.83	6.0	97	80 - 120	P	03/21/2025	10:07	LB135126
	Calcium	1950	2000	97	80 - 120	P	03/21/2025	10:07	LB135126
	Chromium	9.83	10.0	98	80 - 120	P	03/21/2025	10:07	LB135126
	Cobalt	29.3	30.0	98	80 - 120	P	03/21/2025	10:07	LB135126
	Copper	21.9	20.0	109	80 - 120	P	03/21/2025	10:07	LB135126
	Iron	94.9	100	95	80 - 120	P	03/21/2025	10:07	LB135126
	Lead	11.9	12.0	99	80 - 120	P	03/21/2025	10:07	LB135126
	Magnesium	2080	2000	104	80 - 120	P	03/21/2025	10:07	LB135126
	Manganese	18.2	20.0	91	80 - 120	P	03/21/2025	10:07	LB135126
	Nickel	38.7	40.0	97	80 - 120	P	03/21/2025	10:07	LB135126
	Potassium	1950	2000	98	80 - 120	P	03/21/2025	10:07	LB135126
	Selenium	18.8	20.0	94	80 - 120	P	03/21/2025	10:07	LB135126
	Silver	10.7	10.0	107	80 - 120	P	03/21/2025	10:07	LB135126
	Sodium	1820	2000	91	80 - 120	P	03/21/2025	10:07	LB135126
	Thallium	41.4	40.0	104	80 - 120	P	03/21/2025	10:07	LB135126
	Vanadium	38.5	40.0	96	80 - 120	P	03/21/2025	10:07	LB135126
	Zinc	40.4	40.0	101	80 - 120	P	03/21/2025	10:07	LB135126

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
 Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
 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	9800	10000	98	90 - 110	P	03/21/2025	10:42	LB135126
	Antimony	5150	5000	103	90 - 110	P	03/21/2025	10:42	LB135126
	Arsenic	5120	5000	102	90 - 110	P	03/21/2025	10:42	LB135126
	Barium	9450	10000	94	90 - 110	P	03/21/2025	10:42	LB135126
	Beryllium	240	250	96	90 - 110	P	03/21/2025	10:42	LB135126
	Cadmium	2460	2500	98	90 - 110	P	03/21/2025	10:42	LB135126
	Calcium	23900	25000	96	90 - 110	P	03/21/2025	10:42	LB135126
	Chromium	1010	1000	101	90 - 110	P	03/21/2025	10:42	LB135126
	Cobalt	2450	2500	98	90 - 110	P	03/21/2025	10:42	LB135126
	Copper	1280	1250	102	90 - 110	P	03/21/2025	10:42	LB135126
	Iron	4900	5000	98	90 - 110	P	03/21/2025	10:42	LB135126
	Lead	4960	5000	99	90 - 110	P	03/21/2025	10:42	LB135126
	Magnesium	24100	25000	96	90 - 110	P	03/21/2025	10:42	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	10:42	LB135126
	Nickel	2450	2500	98	90 - 110	P	03/21/2025	10:42	LB135126
	Potassium	25000	25000	100	90 - 110	P	03/21/2025	10:42	LB135126
	Selenium	5080	5000	102	90 - 110	P	03/21/2025	10:42	LB135126
	Silver	1250	1250	100	90 - 110	P	03/21/2025	10:42	LB135126
	Sodium	24300	25000	97	90 - 110	P	03/21/2025	10:42	LB135126
	Thallium	4940	5000	99	90 - 110	P	03/21/2025	10:42	LB135126
CCV02	Vanadium	2420	2500	97	90 - 110	P	03/21/2025	10:42	LB135126
	Zinc	2530	2500	101	90 - 110	P	03/21/2025	10:42	LB135126
	Aluminum	9890	10000	99	90 - 110	P	03/21/2025	11:33	LB135126
	Antimony	5210	5000	104	90 - 110	P	03/21/2025	11:33	LB135126
	Arsenic	5200	5000	104	90 - 110	P	03/21/2025	11:33	LB135126
	Barium	9440	10000	94	90 - 110	P	03/21/2025	11:33	LB135126
	Beryllium	241	250	96	90 - 110	P	03/21/2025	11:33	LB135126
	Cadmium	2440	2500	98	90 - 110	P	03/21/2025	11:33	LB135126
	Calcium	23900	25000	96	90 - 110	P	03/21/2025	11:33	LB135126
	Chromium	1020	1000	102	90 - 110	P	03/21/2025	11:33	LB135126
	Cobalt	2440	2500	97	90 - 110	P	03/21/2025	11:33	LB135126
	Copper	1290	1250	103	90 - 110	P	03/21/2025	11:33	LB135126
	Iron	4960	5000	99	90 - 110	P	03/21/2025	11:33	LB135126
	Lead	4940	5000	99	90 - 110	P	03/21/2025	11:33	LB135126

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
 Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
 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	24400	25000	98	90 - 110	P	03/21/2025	11:33	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	11:33	LB135126
	Nickel	2430	2500	97	90 - 110	P	03/21/2025	11:33	LB135126
	Potassium	25100	25000	100	90 - 110	P	03/21/2025	11:33	LB135126
	Selenium	5140	5000	103	90 - 110	P	03/21/2025	11:33	LB135126
	Silver	1260	1250	101	90 - 110	P	03/21/2025	11:33	LB135126
	Sodium	24300	25000	97	90 - 110	P	03/21/2025	11:33	LB135126
	Thallium	4930	5000	99	90 - 110	P	03/21/2025	11:33	LB135126
	Vanadium	2450	2500	98	90 - 110	P	03/21/2025	11:33	LB135126
	Zinc	2540	2500	102	90 - 110	P	03/21/2025	11:33	LB135126
CCV03	Aluminum	9780	10000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Antimony	5130	5000	103	90 - 110	P	03/21/2025	12:27	LB135126
	Arsenic	5140	5000	103	90 - 110	P	03/21/2025	12:27	LB135126
	Barium	9360	10000	94	90 - 110	P	03/21/2025	12:27	LB135126
	Beryllium	243	250	97	90 - 110	P	03/21/2025	12:27	LB135126
	Cadmium	2440	2500	98	90 - 110	P	03/21/2025	12:27	LB135126
	Calcium	23800	25000	95	90 - 110	P	03/21/2025	12:27	LB135126
	Chromium	1020	1000	102	90 - 110	P	03/21/2025	12:27	LB135126
	Cobalt	2430	2500	97	90 - 110	P	03/21/2025	12:27	LB135126
	Copper	1260	1250	100	90 - 110	P	03/21/2025	12:27	LB135126
	Iron	4870	5000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Lead	4930	5000	99	90 - 110	P	03/21/2025	12:27	LB135126
	Magnesium	24400	25000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Manganese	2300	2500	92	90 - 110	P	03/21/2025	12:27	LB135126
	Nickel	2430	2500	97	90 - 110	P	03/21/2025	12:27	LB135126
	Potassium	24400	25000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Selenium	5070	5000	101	90 - 110	P	03/21/2025	12:27	LB135126
	Silver	1250	1250	100	90 - 110	P	03/21/2025	12:27	LB135126
	Sodium	23600	25000	94	90 - 110	P	03/21/2025	12:27	LB135126
	Thallium	4980	5000	100	90 - 110	P	03/21/2025	12:27	LB135126
	Vanadium	2420	2500	97	90 - 110	P	03/21/2025	12:27	LB135126
	Zinc	2490	2500	100	90 - 110	P	03/21/2025	12:27	LB135126
CCV04	Aluminum	9880	10000	99	90 - 110	P	03/21/2025	13:17	LB135126
	Antimony	5190	5000	104	90 - 110	P	03/21/2025	13:17	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
 Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
 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	5210	5000	104	90 - 110	P	03/21/2025	13:17	LB135126
	Barium	9610	10000	96	90 - 110	P	03/21/2025	13:17	LB135126
	Beryllium	241	250	96	90 - 110	P	03/21/2025	13:17	LB135126
	Cadmium	2450	2500	98	90 - 110	P	03/21/2025	13:17	LB135126
	Calcium	24000	25000	96	90 - 110	P	03/21/2025	13:17	LB135126
	Chromium	1030	1000	102	90 - 110	P	03/21/2025	13:17	LB135126
	Cobalt	2440	2500	98	90 - 110	P	03/21/2025	13:17	LB135126
	Copper	1290	1250	103	90 - 110	P	03/21/2025	13:17	LB135126
	Iron	4900	5000	98	90 - 110	P	03/21/2025	13:17	LB135126
	Lead	4950	5000	99	90 - 110	P	03/21/2025	13:17	LB135126
	Magnesium	24500	25000	98	90 - 110	P	03/21/2025	13:17	LB135126
	Manganese	2310	2500	92	90 - 110	P	03/21/2025	13:17	LB135126
	Nickel	2430	2500	97	90 - 110	P	03/21/2025	13:17	LB135126
	Potassium	24900	25000	100	90 - 110	P	03/21/2025	13:17	LB135126
	Selenium	5130	5000	102	90 - 110	P	03/21/2025	13:17	LB135126
	Silver	1260	1250	100	90 - 110	P	03/21/2025	13:17	LB135126
	Sodium	24000	25000	96	90 - 110	P	03/21/2025	13:17	LB135126
	Thallium	4940	5000	99	90 - 110	P	03/21/2025	13:17	LB135126
	Vanadium	2440	2500	98	90 - 110	P	03/21/2025	13:17	LB135126
	Zinc	2510	2500	100	90 - 110	P	03/21/2025	13:17	LB135126
CCV05	Aluminum	9780	10000	98	90 - 110	P	03/21/2025	14:07	LB135126
	Antimony	5040	5000	101	90 - 110	P	03/21/2025	14:07	LB135126
	Arsenic	5040	5000	101	90 - 110	P	03/21/2025	14:07	LB135126
	Barium	9380	10000	94	90 - 110	P	03/21/2025	14:07	LB135126
	Beryllium	242	250	97	90 - 110	P	03/21/2025	14:07	LB135126
	Cadmium	2430	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Calcium	23800	25000	95	90 - 110	P	03/21/2025	14:07	LB135126
	Chromium	1010	1000	101	90 - 110	P	03/21/2025	14:07	LB135126
	Cobalt	2420	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Copper	1260	1250	101	90 - 110	P	03/21/2025	14:07	LB135126
	Iron	4750	5000	95	90 - 110	P	03/21/2025	14:07	LB135126
	Lead	4900	5000	98	90 - 110	P	03/21/2025	14:07	LB135126
	Magnesium	24400	25000	98	90 - 110	P	03/21/2025	14:07	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	14:07	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	2420	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Potassium	23600	25000	94	90 - 110	P	03/21/2025	14:07	LB135126
	Selenium	4980	5000	100	90 - 110	P	03/21/2025	14:07	LB135126
	Silver	1230	1250	98	90 - 110	P	03/21/2025	14:07	LB135126
	Sodium	23000	25000	92	90 - 110	P	03/21/2025	14:07	LB135126
	Thallium	4940	5000	99	90 - 110	P	03/21/2025	14:07	LB135126
	Vanadium	2420	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Zinc	2460	2500	98	90 - 110	P	03/21/2025	14:07	LB135126
CCV06	Aluminum	9780	10000	98	90 - 110	P	03/21/2025	14:58	LB135126
	Antimony	5080	5000	102	90 - 110	P	03/21/2025	14:58	LB135126
	Arsenic	5100	5000	102	90 - 110	P	03/21/2025	14:58	LB135126
	Barium	9420	10000	94	90 - 110	P	03/21/2025	14:58	LB135126
	Beryllium	243	250	97	90 - 110	P	03/21/2025	14:58	LB135126
	Cadmium	2460	2500	98	90 - 110	P	03/21/2025	14:58	LB135126
	Calcium	24000	25000	96	90 - 110	P	03/21/2025	14:58	LB135126
	Chromium	1020	1000	102	90 - 110	P	03/21/2025	14:58	LB135126
	Cobalt	2450	2500	98	90 - 110	P	03/21/2025	14:58	LB135126
	Copper	1270	1250	102	90 - 110	P	03/21/2025	14:58	LB135126
	Iron	4890	5000	98	90 - 110	P	03/21/2025	14:58	LB135126
	Lead	4950	5000	99	90 - 110	P	03/21/2025	14:58	LB135126
	Magnesium	24300	25000	97	90 - 110	P	03/21/2025	14:58	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	14:58	LB135126
	Nickel	2450	2500	98	90 - 110	P	03/21/2025	14:58	LB135126
	Potassium	24500	25000	98	90 - 110	P	03/21/2025	14:58	LB135126
	Selenium	5040	5000	101	90 - 110	P	03/21/2025	14:58	LB135126
	Silver	1250	1250	100	90 - 110	P	03/21/2025	14:58	LB135126
	Sodium	23800	25000	95	90 - 110	P	03/21/2025	14:58	LB135126
	Thallium	4980	5000	100	90 - 110	P	03/21/2025	14:58	LB135126
	Vanadium	2430	2500	97	90 - 110	P	03/21/2025	14:58	LB135126
	Zinc	2510	2500	100	90 - 110	P	03/21/2025	14:58	LB135126
CCV07	Aluminum	9720	10000	97	90 - 110	P	03/21/2025	15:50	LB135126
	Antimony	5130	5000	103	90 - 110	P	03/21/2025	15:50	LB135126
	Arsenic	5130	5000	103	90 - 110	P	03/21/2025	15:50	LB135126
	Barium	9310	10000	93	90 - 110	P	03/21/2025	15:50	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
 Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
 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	236	250	94	90 - 110	P	03/21/2025	15:50	LB135126
	Cadmium	2430	2500	97	90 - 110	P	03/21/2025	15:50	LB135126
	Calcium	23600	25000	94	90 - 110	P	03/21/2025	15:50	LB135126
	Chromium	1010	1000	101	90 - 110	P	03/21/2025	15:50	LB135126
	Cobalt	2420	2500	97	90 - 110	P	03/21/2025	15:50	LB135126
	Copper	1270	1250	102	90 - 110	P	03/21/2025	15:50	LB135126
	Iron	4850	5000	97	90 - 110	P	03/21/2025	15:50	LB135126
	Lead	4890	5000	98	90 - 110	P	03/21/2025	15:50	LB135126
	Magnesium	24100	25000	96	90 - 110	P	03/21/2025	15:50	LB135126
	Manganese	2270	2500	91	90 - 110	P	03/21/2025	15:50	LB135126
	Nickel	2410	2500	97	90 - 110	P	03/21/2025	15:50	LB135126
	Potassium	24600	25000	98	90 - 110	P	03/21/2025	15:50	LB135126
	Selenium	5080	5000	102	90 - 110	P	03/21/2025	15:50	LB135126
	Silver	1240	1250	99	90 - 110	P	03/21/2025	15:50	LB135126
	Sodium	23700	25000	95	90 - 110	P	03/21/2025	15:50	LB135126
	Thallium	4950	5000	99	90 - 110	P	03/21/2025	15:50	LB135126
	Vanadium	2400	2500	96	90 - 110	P	03/21/2025	15:50	LB135126
	Zinc	2490	2500	100	90 - 110	P	03/21/2025	15:50	LB135126
CCV08	Aluminum	9750	10000	98	90 - 110	P	03/21/2025	16:44	LB135126
	Antimony	5100	5000	102	90 - 110	P	03/21/2025	16:44	LB135126
	Arsenic	5060	5000	101	90 - 110	P	03/21/2025	16:44	LB135126
	Barium	9550	10000	96	90 - 110	P	03/21/2025	16:44	LB135126
	Beryllium	241	250	96	90 - 110	P	03/21/2025	16:44	LB135126
	Cadmium	2410	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Calcium	23700	25000	95	90 - 110	P	03/21/2025	16:44	LB135126
	Chromium	997	1000	100	90 - 110	P	03/21/2025	16:44	LB135126
	Cobalt	2410	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Copper	1260	1250	101	90 - 110	P	03/21/2025	16:44	LB135126
	Iron	4700	5000	94	90 - 110	P	03/21/2025	16:44	LB135126
	Lead	4860	5000	97	90 - 110	P	03/21/2025	16:44	LB135126
	Magnesium	24200	25000	97	90 - 110	P	03/21/2025	16:44	LB135126
	Manganese	2300	2500	92	90 - 110	P	03/21/2025	16:44	LB135126
	Nickel	2400	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Potassium	23400	25000	94	90 - 110	P	03/21/2025	16:44	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	5000	5000	100	90 - 110	P	03/21/2025	16:44	LB135126
	Silver	1220	1250	98	90 - 110	P	03/21/2025	16:44	LB135126
	Sodium	22900	25000	92	90 - 110	P	03/21/2025	16:44	LB135126
	Thallium	4850	5000	97	90 - 110	P	03/21/2025	16:44	LB135126
	Vanadium	2410	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Zinc	2440	2500	98	90 - 110	P	03/21/2025	16:44	LB135126
CCV09	Aluminum	9600	10000	96	90 - 110	P	03/21/2025	17:25	LB135126
	Antimony	5130	5000	103	90 - 110	P	03/21/2025	17:25	LB135126
	Arsenic	5100	5000	102	90 - 110	P	03/21/2025	17:25	LB135126
	Barium	9380	10000	94	90 - 110	P	03/21/2025	17:25	LB135126
	Beryllium	238	250	95	90 - 110	P	03/21/2025	17:25	LB135126
	Cadmium	2390	2500	96	90 - 110	P	03/21/2025	17:25	LB135126
	Calcium	23300	25000	93	90 - 110	P	03/21/2025	17:25	LB135126
	Chromium	1000	1000	100	90 - 110	P	03/21/2025	17:25	LB135126
	Cobalt	2380	2500	95	90 - 110	P	03/21/2025	17:25	LB135126
	Copper	1270	1250	102	90 - 110	P	03/21/2025	17:25	LB135126
	Iron	4810	5000	96	90 - 110	P	03/21/2025	17:25	LB135126
	Lead	4830	5000	97	90 - 110	P	03/21/2025	17:25	LB135126
	Magnesium	23800	25000	95	90 - 110	P	03/21/2025	17:25	LB135126
	Manganese	2260	2500	90	90 - 110	P	03/21/2025	17:25	LB135126
	Nickel	2380	2500	95	90 - 110	P	03/21/2025	17:25	LB135126
	Potassium	24000	25000	96	90 - 110	P	03/21/2025	17:25	LB135126
	Selenium	5040	5000	101	90 - 110	P	03/21/2025	17:25	LB135126
	Silver	1240	1250	99	90 - 110	P	03/21/2025	17:25	LB135126
	Sodium	23300	25000	93	90 - 110	P	03/21/2025	17:25	LB135126
	Thallium	4830	5000	97	90 - 110	P	03/21/2025	17:25	LB135126
	Vanadium	2370	2500	95	90 - 110	P	03/21/2025	17:25	LB135126
	Zinc	2470	2500	99	90 - 110	P	03/21/2025	17:25	LB135126
CCV10	Aluminum	9690	10000	97	90 - 110	P	03/21/2025	17:41	LB135126
	Antimony	5080	5000	102	90 - 110	P	03/21/2025	17:41	LB135126
	Arsenic	5070	5000	102	90 - 110	P	03/21/2025	17:41	LB135126
	Barium	9520	10000	95	90 - 110	P	03/21/2025	17:41	LB135126
	Beryllium	240	250	96	90 - 110	P	03/21/2025	17:41	LB135126
	Cadmium	2380	2500	95	90 - 110	P	03/21/2025	17:41	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	23500	25000	94	90 - 110	P	03/21/2025	17:41	LB135126
	Chromium	1000	1000	100	90 - 110	P	03/21/2025	17:41	LB135126
	Cobalt	2390	2500	96	90 - 110	P	03/21/2025	17:41	LB135126
	Copper	1270	1250	101	90 - 110	P	03/21/2025	17:41	LB135126
	Iron	4940	5000	99	90 - 110	P	03/21/2025	17:41	LB135126
	Lead	4820	5000	96	90 - 110	P	03/21/2025	17:41	LB135126
	Magnesium	23800	25000	95	90 - 110	P	03/21/2025	17:41	LB135126
	Manganese	2300	2500	92	90 - 110	P	03/21/2025	17:41	LB135126
	Nickel	2390	2500	95	90 - 110	P	03/21/2025	17:41	LB135126
	Potassium	24500	25000	98	90 - 110	P	03/21/2025	17:41	LB135126
	Selenium	5100	5000	102	90 - 110	P	03/21/2025	17:41	LB135126
	Silver	1240	1250	100	90 - 110	P	03/21/2025	17:41	LB135126
	Sodium	23900	25000	96	90 - 110	P	03/21/2025	17:41	LB135126
	Thallium	4830	5000	97	90 - 110	P	03/21/2025	17:41	LB135126
	Vanadium	2390	2500	96	90 - 110	P	03/21/2025	17:41	LB135126
	Zinc	2460	2500	98	90 - 110	P	03/21/2025	17:41	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	2500	2500	100	90 - 110	P	03/24/2025	10:33	LB135158
	Antimony	1020	1000	102	90 - 110	P	03/24/2025	10:33	LB135158
	Arsenic	999	1000	100	90 - 110	P	03/24/2025	10:33	LB135158
	Barium	482	520	93	90 - 110	P	03/24/2025	10:33	LB135158
	Beryllium	490	510	96	90 - 110	P	03/24/2025	10:33	LB135158
	Cadmium	494	510	97	90 - 110	P	03/24/2025	10:33	LB135158
	Calcium	9750	10000	98	90 - 110	P	03/24/2025	10:33	LB135158
	Chromium	529	520	102	90 - 110	P	03/24/2025	10:33	LB135158
	Cobalt	504	520	97	90 - 110	P	03/24/2025	10:33	LB135158
	Copper	532	510	104	90 - 110	P	03/24/2025	10:33	LB135158
	Iron	9820	10000	98	90 - 110	P	03/24/2025	10:33	LB135158
	Lead	982	1000	98	90 - 110	P	03/24/2025	10:33	LB135158
	Magnesium	5830	6000	97	90 - 110	P	03/24/2025	10:33	LB135158
	Manganese	495	520	95	90 - 110	P	03/24/2025	10:33	LB135158
	Nickel	506	530	95	90 - 110	P	03/24/2025	10:33	LB135158
	Potassium	9610	9900	97	90 - 110	P	03/24/2025	10:33	LB135158
	Selenium	1030	1000	103	90 - 110	P	03/24/2025	10:33	LB135158
	Silver	258	250	103	90 - 110	P	03/24/2025	10:33	LB135158
	Sodium	9230	10000	92	90 - 110	P	03/24/2025	10:33	LB135158
	Thallium	1010	1000	101	90 - 110	P	03/24/2025	10:33	LB135158
	Vanadium	483	500	97	90 - 110	P	03/24/2025	10:33	LB135158
	Zinc	1040	1000	104	90 - 110	P	03/24/2025	10:33	LB135158

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	100	100	100	80 - 120	P	03/24/2025	10:45	LB135158
	Antimony	50.4	50.0	101	80 - 120	P	03/24/2025	10:45	LB135158
	Arsenic	18.2	20.0	91	80 - 120	P	03/24/2025	10:45	LB135158
	Barium	89.4	100	89	80 - 120	P	03/24/2025	10:45	LB135158
	Beryllium	5.84	6.0	97	80 - 120	P	03/24/2025	10:45	LB135158
	Cadmium	5.64	6.0	94	80 - 120	P	03/24/2025	10:45	LB135158
	Calcium	1940	2000	97	80 - 120	P	03/24/2025	10:45	LB135158
	Chromium	9.80	10.0	98	80 - 120	P	03/24/2025	10:45	LB135158
	Cobalt	28.8	30.0	96	80 - 120	P	03/24/2025	10:45	LB135158
	Copper	22.5	20.0	112	80 - 120	P	03/24/2025	10:45	LB135158
	Iron	95.8	100	96	80 - 120	P	03/24/2025	10:45	LB135158
	Lead	11.7	12.0	97	80 - 120	P	03/24/2025	10:45	LB135158
	Magnesium	2070	2000	104	80 - 120	P	03/24/2025	10:45	LB135158
	Manganese	18.3	20.0	92	80 - 120	P	03/24/2025	10:45	LB135158
	Nickel	38.5	40.0	96	80 - 120	P	03/24/2025	10:45	LB135158
	Potassium	1870	2000	94	80 - 120	P	03/24/2025	10:45	LB135158
	Selenium	18.3	20.0	92	80 - 120	P	03/24/2025	10:45	LB135158
	Silver	10.6	10.0	106	80 - 120	P	03/24/2025	10:45	LB135158
	Sodium	1730	2000	87	80 - 120	P	03/24/2025	10:45	LB135158
	Thallium	39.8	40.0	99	80 - 120	P	03/24/2025	10:45	LB135158
	Vanadium	39.1	40.0	98	80 - 120	P	03/24/2025	10:45	LB135158
	Zinc	41.9	40.0	105	80 - 120	P	03/24/2025	10:45	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	9950	10000	100	90 - 110	P	03/24/2025	11:21	LB135158
	Antimony	5220	5000	104	90 - 110	P	03/24/2025	11:21	LB135158
	Arsenic	5100	5000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Barium	9430	10000	94	90 - 110	P	03/24/2025	11:21	LB135158
	Beryllium	238	250	95	90 - 110	P	03/24/2025	11:21	LB135158
	Cadmium	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Calcium	24000	25000	96	90 - 110	P	03/24/2025	11:21	LB135158
	Chromium	1020	1000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Cobalt	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Copper	1270	1250	102	90 - 110	P	03/24/2025	11:21	LB135158
	Iron	4870	5000	98	90 - 110	P	03/24/2025	11:21	LB135158
	Lead	4920	5000	98	90 - 110	P	03/24/2025	11:21	LB135158
	Magnesium	24100	25000	96	90 - 110	P	03/24/2025	11:21	LB135158
	Manganese	2330	2500	93	90 - 110	P	03/24/2025	11:21	LB135158
	Nickel	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Potassium	25000	25000	100	90 - 110	P	03/24/2025	11:21	LB135158
	Selenium	5080	5000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Silver	1260	1250	101	90 - 110	P	03/24/2025	11:21	LB135158
	Sodium	24100	25000	96	90 - 110	P	03/24/2025	11:21	LB135158
	Thallium	4840	5000	97	90 - 110	P	03/24/2025	11:21	LB135158
CCV02	Vanadium	2430	2500	97	90 - 110	P	03/24/2025	11:21	LB135158
	Zinc	2540	2500	102	90 - 110	P	03/24/2025	11:21	LB135158
	Aluminum	9800	10000	98	90 - 110	P	03/24/2025	12:12	LB135158
	Antimony	5150	5000	103	90 - 110	P	03/24/2025	12:12	LB135158
	Arsenic	5010	5000	100	90 - 110	P	03/24/2025	12:12	LB135158
	Barium	9560	10000	96	90 - 110	P	03/24/2025	12:12	LB135158
	Beryllium	237	250	95	90 - 110	P	03/24/2025	12:12	LB135158
	Cadmium	2400	2500	96	90 - 110	P	03/24/2025	12:12	LB135158
	Calcium	23500	25000	94	90 - 110	P	03/24/2025	12:12	LB135158
	Chromium	982	1000	98	90 - 110	P	03/24/2025	12:12	LB135158
	Cobalt	2410	2500	96	90 - 110	P	03/24/2025	12:12	LB135158
	Copper	1260	1250	101	90 - 110	P	03/24/2025	12:12	LB135158
	Iron	4710	5000	94	90 - 110	P	03/24/2025	12:12	LB135158
	Lead	4830	5000	97	90 - 110	P	03/24/2025	12:12	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	23500	25000	94	90 - 110	P	03/24/2025	12:12	LB135158
	Manganese	2300	2500	92	90 - 110	P	03/24/2025	12:12	LB135158
	Nickel	2420	2500	97	90 - 110	P	03/24/2025	12:12	LB135158
	Potassium	24300	25000	97	90 - 110	P	03/24/2025	12:12	LB135158
	Selenium	5070	5000	101	90 - 110	P	03/24/2025	12:12	LB135158
	Silver	1230	1250	98	90 - 110	P	03/24/2025	12:12	LB135158
	Sodium	23700	25000	95	90 - 110	P	03/24/2025	12:12	LB135158
	Thallium	4870	5000	97	90 - 110	P	03/24/2025	12:12	LB135158
	Vanadium	2390	2500	96	90 - 110	P	03/24/2025	12:12	LB135158
	Zinc	2490	2500	100	90 - 110	P	03/24/2025	12:12	LB135158
CCV03	Aluminum	9810	10000	98	90 - 110	P	03/24/2025	13:07	LB135158
	Antimony	5130	5000	103	90 - 110	P	03/24/2025	13:07	LB135158
	Arsenic	4970	5000	99	90 - 110	P	03/24/2025	13:07	LB135158
	Barium	9510	10000	95	90 - 110	P	03/24/2025	13:07	LB135158
	Beryllium	231	250	92	90 - 110	P	03/24/2025	13:07	LB135158
	Cadmium	2380	2500	95	90 - 110	P	03/24/2025	13:07	LB135158
	Calcium	23800	25000	95	90 - 110	P	03/24/2025	13:07	LB135158
	Chromium	980	1000	98	90 - 110	P	03/24/2025	13:07	LB135158
	Cobalt	2390	2500	96	90 - 110	P	03/24/2025	13:07	LB135158
	Copper	1250	1250	100	90 - 110	P	03/24/2025	13:07	LB135158
	Iron	4840	5000	97	90 - 110	P	03/24/2025	13:07	LB135158
	Lead	4800	5000	96	90 - 110	P	03/24/2025	13:07	LB135158
	Magnesium	23600	25000	94	90 - 110	P	03/24/2025	13:07	LB135158
	Manganese	2330	2500	93	90 - 110	P	03/24/2025	13:07	LB135158
	Nickel	2390	2500	95	90 - 110	P	03/24/2025	13:07	LB135158
	Potassium	24700	25000	99	90 - 110	P	03/24/2025	13:07	LB135158
	Selenium	4990	5000	100	90 - 110	P	03/24/2025	13:07	LB135158
	Silver	1220	1250	98	90 - 110	P	03/24/2025	13:07	LB135158
	Sodium	24100	25000	96	90 - 110	P	03/24/2025	13:07	LB135158
	Thallium	4880	5000	98	90 - 110	P	03/24/2025	13:07	LB135158
CCV04	Vanadium	2410	2500	96	90 - 110	P	03/24/2025	13:07	LB135158
	Zinc	2470	2500	99	90 - 110	P	03/24/2025	13:07	LB135158
	Aluminum	9500	10000	95	90 - 110	P	03/24/2025	14:06	LB135158
	Antimony	4930	5000	99	90 - 110	P	03/24/2025	14:06	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	4830	5000	96	90 - 110	P	03/24/2025	14:06	LB135158
	Barium	9200	10000	92	90 - 110	P	03/24/2025	14:06	LB135158
	Beryllium	229	250	92	90 - 110	P	03/24/2025	14:06	LB135158
	Cadmium	2330	2500	93	90 - 110	P	03/24/2025	14:06	LB135158
	Calcium	22800	25000	91	90 - 110	P	03/24/2025	14:06	LB135158
	Chromium	951	1000	95	90 - 110	P	03/24/2025	14:06	LB135158
	Cobalt	2350	2500	94	90 - 110	P	03/24/2025	14:06	LB135158
	Copper	1230	1250	98	90 - 110	P	03/24/2025	14:06	LB135158
	Iron	4610	5000	92	90 - 110	P	03/24/2025	14:06	LB135158
	Lead	4680	5000	94	90 - 110	P	03/24/2025	14:06	LB135158
	Magnesium	22800	25000	91	90 - 110	P	03/24/2025	14:06	LB135158
	Manganese	2260	2500	90	90 - 110	P	03/24/2025	14:06	LB135158
	Nickel	2360	2500	94	90 - 110	P	03/24/2025	14:06	LB135158
	Potassium	23700	25000	95	90 - 110	P	03/24/2025	14:06	LB135158
	Selenium	4930	5000	99	90 - 110	P	03/24/2025	14:06	LB135158
	Silver	1190	1250	95	90 - 110	P	03/24/2025	14:06	LB135158
	Sodium	23100	25000	93	90 - 110	P	03/24/2025	14:06	LB135158
	Thallium	4850	5000	97	90 - 110	P	03/24/2025	14:06	LB135158
	Vanadium	2340	2500	94	90 - 110	P	03/24/2025	14:06	LB135158
	Zinc	2430	2500	97	90 - 110	P	03/24/2025	14:06	LB135158
CCV05	Aluminum	9480	10000	95	90 - 110	P	03/24/2025	15:30	LB135158
	Antimony	5000	5000	100	90 - 110	P	03/24/2025	15:30	LB135158
	Arsenic	4860	5000	97	90 - 110	P	03/24/2025	15:30	LB135158
	Barium	9350	10000	94	90 - 110	P	03/24/2025	15:30	LB135158
	Beryllium	252	250	101	90 - 110	P	03/24/2025	15:30	LB135158
	Cadmium	2310	2500	92	90 - 110	P	03/24/2025	15:30	LB135158
	Calcium	22500	25000	90	90 - 110	P	03/24/2025	15:30	LB135158
	Chromium	940	1000	94	90 - 110	P	03/24/2025	15:30	LB135158
	Cobalt	2330	2500	93	90 - 110	P	03/24/2025	15:30	LB135158
	Copper	1220	1250	98	90 - 110	P	03/24/2025	15:30	LB135158
	Iron	4640	5000	93	90 - 110	P	03/24/2025	15:30	LB135158
	Lead	4640	5000	93	90 - 110	P	03/24/2025	15:30	LB135158
	Magnesium	26200	25000	105	90 - 110	P	03/24/2025	15:30	LB135158
	Manganese	2580	2500	103	90 - 110	P	03/24/2025	15:30	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	2330	2500	93	90 - 110	P	03/24/2025	15:30	LB135158
	Potassium	24200	25000	97	90 - 110	P	03/24/2025	15:30	LB135158
	Selenium	4950	5000	99	90 - 110	P	03/24/2025	15:30	LB135158
	Silver	1180	1250	94	90 - 110	P	03/24/2025	15:30	LB135158
	Sodium	23600	25000	94	90 - 110	P	03/24/2025	15:30	LB135158
	Thallium	4770	5000	95	90 - 110	P	03/24/2025	15:30	LB135158
	Vanadium	2310	2500	92	90 - 110	P	03/24/2025	15:30	LB135158
	Zinc	2400	2500	96	90 - 110	P	03/24/2025	15:30	LB135158
CCV06	Aluminum	9270	10000	93	90 - 110	P	03/24/2025	16:39	LB135158
	Antimony	4870	5000	97	90 - 110	P	03/24/2025	16:39	LB135158
	Arsenic	4700	5000	94	90 - 110	P	03/24/2025	16:39	LB135158
	Barium	9200	10000	92	90 - 110	P	03/24/2025	16:39	LB135158
	Beryllium	253	250	101	90 - 110	P	03/24/2025	16:39	LB135158
	Cadmium	2340	2500	94	90 - 110	P	03/24/2025	16:39	LB135158
	Calcium	26500	25000	106	90 - 110	P	03/24/2025	16:39	LB135158
	Chromium	920	1000	92	90 - 110	P	03/24/2025	16:39	LB135158
	Cobalt	2260	2500	90	90 - 110	P	03/24/2025	16:39	LB135158
	Copper	1190	1250	95	90 - 110	P	03/24/2025	16:39	LB135158
	Iron	4580	5000	92	90 - 110	P	03/24/2025	16:39	LB135158
	Lead	4510	5000	90	90 - 110	P	03/24/2025	16:39	LB135158
	Magnesium	25600	25000	102	90 - 110	P	03/24/2025	16:39	LB135158
	Manganese	2490	2500	99	90 - 110	P	03/24/2025	16:39	LB135158
	Nickel	2260	2500	90	90 - 110	P	03/24/2025	16:39	LB135158
	Potassium	23700	25000	95	90 - 110	P	03/24/2025	16:39	LB135158
	Selenium	4790	5000	96	90 - 110	P	03/24/2025	16:39	LB135158
	Silver	1170	1250	93	90 - 110	P	03/24/2025	16:39	LB135158
	Sodium	23300	25000	93	90 - 110	P	03/24/2025	16:39	LB135158
	Thallium	4650	5000	93	90 - 110	P	03/24/2025	16:39	LB135158
	Vanadium	2260	2500	91	90 - 110	P	03/24/2025	16:39	LB135158
	Zinc	2370	2500	95	90 - 110	P	03/24/2025	16:39	LB135158
CCV07	Aluminum	9240	10000	92	90 - 110	P	03/24/2025	17:29	LB135158
	Antimony	4890	5000	98	90 - 110	P	03/24/2025	17:29	LB135158
	Arsenic	4740	5000	95	90 - 110	P	03/24/2025	17:29	LB135158
	Barium	9010	10000	90	90 - 110	P	03/24/2025	17:29	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	253	250	101	90 - 110	P	03/24/2025	17:29	LB135158
	Cadmium	2260	2500	90	90 - 110	P	03/24/2025	17:29	LB135158
	Calcium	26600	25000	106	90 - 110	P	03/24/2025	17:29	LB135158
	Chromium	938	1000	94	90 - 110	P	03/24/2025	17:29	LB135158
	Cobalt	2280	2500	91	90 - 110	P	03/24/2025	17:29	LB135158
	Copper	1190	1250	96	90 - 110	P	03/24/2025	17:29	LB135158
	Iron	4630	5000	93	90 - 110	P	03/24/2025	17:29	LB135158
	Lead	4550	5000	91	90 - 110	P	03/24/2025	17:29	LB135158
	Magnesium	25800	25000	103	90 - 110	P	03/24/2025	17:29	LB135158
	Manganese	2520	2500	101	90 - 110	P	03/24/2025	17:29	LB135158
	Nickel	2280	2500	91	90 - 110	P	03/24/2025	17:29	LB135158
	Potassium	24000	25000	96	90 - 110	P	03/24/2025	17:29	LB135158
	Selenium	4830	5000	97	90 - 110	P	03/24/2025	17:29	LB135158
	Silver	1180	1250	94	90 - 110	P	03/24/2025	17:29	LB135158
	Sodium	23400	25000	94	90 - 110	P	03/24/2025	17:29	LB135158
	Thallium	4710	5000	94	90 - 110	P	03/24/2025	17:29	LB135158
	Vanadium	2260	2500	91	90 - 110	P	03/24/2025	17:29	LB135158
	Zinc	2400	2500	96	90 - 110	P	03/24/2025	17:29	LB135158
CCV08	Aluminum	9330	10000	93	90 - 110	P	03/24/2025	18:01	LB135158
	Antimony	4930	5000	99	90 - 110	P	03/24/2025	18:01	LB135158
	Arsenic	4760	5000	95	90 - 110	P	03/24/2025	18:01	LB135158
	Barium	9090	10000	91	90 - 110	P	03/24/2025	18:01	LB135158
	Beryllium	258	250	103	90 - 110	P	03/24/2025	18:01	LB135158
	Cadmium	2250	2500	90	90 - 110	P	03/24/2025	18:01	LB135158
	Calcium	26600	25000	107	90 - 110	P	03/24/2025	18:01	LB135158
	Chromium	931	1000	93	90 - 110	P	03/24/2025	18:01	LB135158
	Cobalt	2270	2500	91	90 - 110	P	03/24/2025	18:01	LB135158
	Copper	1200	1250	96	90 - 110	P	03/24/2025	18:01	LB135158
	Iron	4530	5000	91	90 - 110	P	03/24/2025	18:01	LB135158
	Lead	4550	5000	91	90 - 110	P	03/24/2025	18:01	LB135158
	Magnesium	25700	25000	103	90 - 110	P	03/24/2025	18:01	LB135158
	Manganese	2520	2500	101	90 - 110	P	03/24/2025	18:01	LB135158
	Nickel	2270	2500	91	90 - 110	P	03/24/2025	18:01	LB135158
	Potassium	23400	25000	94	90 - 110	P	03/24/2025	18:01	LB135158

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	4850	5000	97	90 - 110	P	03/24/2025	18:01	LB135158
	Silver	1170	1250	94	90 - 110	P	03/24/2025	18:01	LB135158
	Sodium	22900	25000	92	90 - 110	P	03/24/2025	18:01	LB135158
	Thallium	4700	5000	94	90 - 110	P	03/24/2025	18:01	LB135158
	Vanadium	2270	2500	91	90 - 110	P	03/24/2025	18:01	LB135158
	Zinc	2340	2500	94	90 - 110	P	03/24/2025	18:01	LB135158

Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental SDG No.: Q1576
Contract: GENV01 Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576
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	0.19	0.2	97	40 - 160	CV	03/18/2025	13:51	LB135071
CRI01	Aluminum	97.3	100	97	40 - 160	P	03/21/2025	10:20	LB135126
	Antimony	52.4	50.0	105	40 - 160	P	03/21/2025	10:20	LB135126
	Arsenic	20.7	20.0	104	40 - 160	P	03/21/2025	10:20	LB135126
	Barium	90.7	100	91	40 - 160	P	03/21/2025	10:20	LB135126
	Beryllium	5.72	6.0	95	40 - 160	P	03/21/2025	10:20	LB135126
	Cadmium	5.69	6.0	95	40 - 160	P	03/21/2025	10:20	LB135126
	Calcium	1920	2000	96	40 - 160	P	03/21/2025	10:20	LB135126
	Chromium	9.95	10.0	100	40 - 160	P	03/21/2025	10:20	LB135126
	Cobalt	28.7	30.0	96	40 - 160	P	03/21/2025	10:20	LB135126
	Copper	21.5	20.0	107	40 - 160	P	03/21/2025	10:20	LB135126
	Iron	89.9	100	90	40 - 160	P	03/21/2025	10:20	LB135126
	Lead	12.3	12.0	102	40 - 160	P	03/21/2025	10:20	LB135126
	Magnesium	2060	2000	103	40 - 160	P	03/21/2025	10:20	LB135126
	Manganese	18.3	20.0	92	40 - 160	P	03/21/2025	10:20	LB135126
	Nickel	38.5	40.0	96	40 - 160	P	03/21/2025	10:20	LB135126
	Potassium	1920	2000	96	40 - 160	P	03/21/2025	10:20	LB135126
	Selenium	20.0	20.0	100	40 - 160	P	03/21/2025	10:20	LB135126
	Silver	10.8	10.0	108	40 - 160	P	03/21/2025	10:20	LB135126
	Sodium	1790	2000	89	40 - 160	P	03/21/2025	10:20	LB135126
	Thallium	40.6	40.0	101	40 - 160	P	03/21/2025	10:20	LB135126
	Vanadium	37.7	40.0	94	40 - 160	P	03/21/2025	10:20	LB135126
	Zinc	41.3	40.0	103	40 - 160	P	03/21/2025	10:20	LB135126
CRI01	Aluminum	104	100	104	40 - 160	P	03/24/2025	10:54	LB135158
	Antimony	50.6	50.0	101	40 - 160	P	03/24/2025	10:54	LB135158
	Arsenic	18.6	20.0	93	40 - 160	P	03/24/2025	10:54	LB135158
	Barium	86.7	100	87	40 - 160	P	03/24/2025	10:54	LB135158
	Beryllium	5.92	6.0	99	40 - 160	P	03/24/2025	10:54	LB135158
	Cadmium	5.57	6.0	93	40 - 160	P	03/24/2025	10:54	LB135158
	Calcium	1920	2000	96	40 - 160	P	03/24/2025	10:54	LB135158
	Chromium	9.94	10.0	99	40 - 160	P	03/24/2025	10:54	LB135158
	Cobalt	28.6	30.0	95	40 - 160	P	03/24/2025	10:54	LB135158
	Copper	22.5	20.0	113	40 - 160	P	03/24/2025	10:54	LB135158
	Iron	95.4	100	95	40 - 160	P	03/24/2025	10:54	LB135158
	Lead	12.7	12.0	106	40 - 160	P	03/24/2025	10:54	LB135158

Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2080	2000	104	40 - 160	P	03/24/2025	10:54	LB135158
	Manganese	18.2	20.0	91	40 - 160	P	03/24/2025	10:54	LB135158
	Nickel	38.1	40.0	95	40 - 160	P	03/24/2025	10:54	LB135158
	Potassium	1750	2000	88	40 - 160	P	03/24/2025	10:54	LB135158
	Selenium	19.2	20.0	96	40 - 160	P	03/24/2025	10:54	LB135158
	Silver	10.6	10.0	106	40 - 160	P	03/24/2025	10:54	LB135158
	Sodium	1630	2000	81	40 - 160	P	03/24/2025	10:54	LB135158
	Thallium	38.2	40.0	95	40 - 160	P	03/24/2025	10:54	LB135158
	Vanadium	39.4	40.0	98	40 - 160	P	03/24/2025	10:54	LB135158
	Zinc	41.8	40.0	104	40 - 160	P	03/24/2025	10:54	LB135158

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	246000	255000	96	216000	294000	03/21/2025	10:25	LB135126
	Antimony	-3.37			-50	50	03/21/2025	10:25	LB135126
	Arsenic	7.15			-20	20	03/21/2025	10:25	LB135126
	Barium	0.77	6.0	13	-94	106	03/21/2025	10:25	LB135126
	Beryllium	0.99			-6	6	03/21/2025	10:25	LB135126
	Cadmium	-3.85	1.0	385	-5	7	03/21/2025	10:25	LB135126
	Calcium	231000	245000	94	208000	282000	03/21/2025	10:25	LB135126
	Chromium	58.2	52.0	112	42	62	03/21/2025	10:25	LB135126
	Cobalt	1.85			-30	30	03/21/2025	10:25	LB135126
	Copper	16.9	2.0	845	-18	22	03/21/2025	10:25	LB135126
	Iron	101000	101000	100	85600	116500	03/21/2025	10:25	LB135126
	Lead	4.50			-12	12	03/21/2025	10:25	LB135126
	Magnesium	253000	255000	99	216000	294000	03/21/2025	10:25	LB135126
	Manganese	6.60	7.0	94	-13	27	03/21/2025	10:25	LB135126
	Nickel	1.77	2.0	88	-38	42	03/21/2025	10:25	LB135126
	Potassium	-33.1			0	0	03/21/2025	10:25	LB135126
	Selenium	-0.88			-20	20	03/21/2025	10:25	LB135126
	Silver	-1.93			-10	10	03/21/2025	10:25	LB135126
	Sodium	6.46			0	0	03/21/2025	10:25	LB135126
	Thallium	10.1			-40	40	03/21/2025	10:25	LB135126
	Vanadium	2.83			-40	40	03/21/2025	10:25	LB135126
	Zinc	2.90			-40	40	03/21/2025	10:25	LB135126
ICSAB01	Aluminum	244000	247000	99	209000	285000	03/21/2025	10:29	LB135126
	Antimony	647	618	105	525	711	03/21/2025	10:29	LB135126
	Arsenic	115	104	111	88.4	120	03/21/2025	10:29	LB135126
	Barium	478	537	89	437	637	03/21/2025	10:29	LB135126
	Beryllium	482	495	97	420	570	03/21/2025	10:29	LB135126
	Cadmium	1010	972	104	826	1120	03/21/2025	10:29	LB135126
	Calcium	227000	235000	97	199000	271000	03/21/2025	10:29	LB135126
	Chromium	577	542	106	460	624	03/21/2025	10:29	LB135126
	Cobalt	512	476	108	404	548	03/21/2025	10:29	LB135126
	Copper	532	511	104	434	588	03/21/2025	10:29	LB135126
	Iron	100000	99300	101	84400	114500	03/21/2025	10:29	LB135126
	Lead	54.5	49.0	111	37	61	03/21/2025	10:29	LB135126
	Magnesium	247000	248000	100	210000	286000	03/21/2025	10:29	LB135126
	Manganese	470	507	93	430	584	03/21/2025	10:29	LB135126
	Nickel	1010	954	106	810	1100	03/21/2025	10:29	LB135126
	Potassium	-25.5			0	0	03/21/2025	10:29	LB135126
	Selenium	54.2	46.0	118	26	66	03/21/2025	10:29	LB135126
	Silver	206	201	102	170	232	03/21/2025	10:29	LB135126
	Sodium	3.78			0	0	03/21/2025	10:29	LB135126
	Thallium	110	108	102	68	148	03/21/2025	10:29	LB135126

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	475	491	97	417	565	03/21/2025	10:29	LB135126
	Zinc	1090	952	114	809	1095	03/21/2025	10:29	LB135126
ICSA01	Aluminum	246000	255000	96	216000	294000	03/24/2025	10:58	LB135158
	Antimony	-4.31			-50	50	03/24/2025	10:58	LB135158
	Arsenic	3.48			-20	20	03/24/2025	10:58	LB135158
	Barium	-0.68	6.0	11	-94	106	03/24/2025	10:58	LB135158
	Beryllium	0.90			-6	6	03/24/2025	10:58	LB135158
	Cadmium	-3.41	1.0	341	-5	7	03/24/2025	10:58	LB135158
	Calcium	226000	245000	92	208000	282000	03/24/2025	10:58	LB135158
	Chromium	57.6	52.0	111	42	62	03/24/2025	10:58	LB135158
	Cobalt	1.75			-30	30	03/24/2025	10:58	LB135158
	Copper	13.0	2.0	650	-18	22	03/24/2025	10:58	LB135158
	Iron	97400	101000	96	85600	116500	03/24/2025	10:58	LB135158
	Lead	5.40			-12	12	03/24/2025	10:58	LB135158
	Magnesium	245000	255000	96	216000	294000	03/24/2025	10:58	LB135158
	Manganese	1.85	7.0	26	-13	27	03/24/2025	10:58	LB135158
	Nickel	1.79	2.0	90	-38	42	03/24/2025	10:58	LB135158
	Potassium	-99.0			0	0	03/24/2025	10:58	LB135158
	Selenium	3.83			-20	20	03/24/2025	10:58	LB135158
	Silver	-1.12			-10	10	03/24/2025	10:58	LB135158
	Sodium	-20.6			0	0	03/24/2025	10:58	LB135158
	Thallium	6.68			-40	40	03/24/2025	10:58	LB135158
	Vanadium	4.51			-40	40	03/24/2025	10:58	LB135158
	Zinc	5.17			-40	40	03/24/2025	10:58	LB135158
ICSAB01	Aluminum	244000	247000	99	209000	285000	03/24/2025	11:02	LB135158
	Antimony	646	618	104	525	711	03/24/2025	11:02	LB135158
	Arsenic	112	104	108	88.4	120	03/24/2025	11:02	LB135158
	Barium	474	537	88	437	637	03/24/2025	11:02	LB135158
	Beryllium	472	495	95	420	570	03/24/2025	11:02	LB135158
	Cadmium	995	972	102	826	1120	03/24/2025	11:02	LB135158
	Calcium	227000	235000	97	199000	271000	03/24/2025	11:02	LB135158
	Chromium	573	542	106	460	624	03/24/2025	11:02	LB135158
	Cobalt	507	476	106	404	548	03/24/2025	11:02	LB135158
	Copper	520	511	102	434	588	03/24/2025	11:02	LB135158
	Iron	98300	99300	99	84400	114500	03/24/2025	11:02	LB135158
	Lead	54.7	49.0	112	37	61	03/24/2025	11:02	LB135158
	Magnesium	244000	248000	98	210000	286000	03/24/2025	11:02	LB135158
	Manganese	464	507	92	430	584	03/24/2025	11:02	LB135158
	Nickel	999	954	105	810	1100	03/24/2025	11:02	LB135158
	Potassium	-116			0	0	03/24/2025	11:02	LB135158
	Selenium	52.9	46.0	115	26	66	03/24/2025	11:02	LB135158
	Silver	206	201	102	170	232	03/24/2025	11:02	LB135158

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
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	Sodium	-27.7			0	0	03/24/2025	11:02	LB135158
	Thallium	108	108	100	68	148	03/24/2025	11:02	LB135158
	Vanadium	473	491	96	417	565	03/24/2025	11:02	LB135158
	Zinc	1090	952	114	809	1095	03/24/2025	11:02	LB135158



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental level: low sdg no.: Q1576
contract: GENV01 lab code: CHEM case no.: Q1576 sas no.: Q1576
matrix: Water sample id: Q1553-03 client id: FRAC-TANK-FMI120MS
Percent Solids for Sample: NA Spiked ID: Q1553-03MS Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.78		0.28		4.0	63	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	G Environmental	level:	low	sdg no.:	Q1576		
contract:	GENV01	lab code:	CHEM	case no.:	Q1576	sas no.:	Q1576
matrix:	Water	sample id:	Q1553-03	client id:	FRAC-TANK-FMI120MSD		
Percent Solids for Sample:	NA	Spiked ID:	Q1553-03MSD	Percent Solids for Spike Sample:	NA		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	2.87		0.28		4.0	65	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>G Environmental</u>	level:	<u>low</u>	sdg no.:	<u>Q1576</u>
contract:	<u>GENV01</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1576</u>
matrix:	<u>Water</u>	sample id:	<u>Q1576-01</u>	client id:	<u>MW14MS</u>
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1576-01MS</u>	Percent Solids for Spike Sample:	<u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	14900		14200		1000	69		P
Antimony	ug/L	75 - 125	357		2.18	J	400	89		P
Arsenic	ug/L	75 - 125	24400	D	28300	D	400	-960		P
Barium	ug/L	75 - 125	436		377		100	59	N	P
Beryllium	ug/L	75 - 125	83.2		1.76	J	100	81		P
Cadmium	ug/L	75 - 125	107		22.1		100	85		P
Calcium	ug/L	75 - 125	144000		151000		500	-1402		P
Chromium	ug/L	75 - 125	305		137		200	84		P
Cobalt	ug/L	75 - 125	99.2		10.3	J	100	89		P
Copper	ug/L	75 - 125	600		512		150	58	N	P
Iron	ug/L	75 - 125	180000		192000		1500	-797		P
Lead	ug/L	75 - 125	1320		1010		500	62	N	P
Magnesium	ug/L	75 - 125	17500		17500		1000	1		P
Manganese	ug/L	75 - 125	1120		1100		100	13		P
Nickel	ug/L	75 - 125	249		31.0		250	87		P
Potassium	ug/L	75 - 125	22400		17700		5000	95		P
Selenium	ug/L	75 - 125	939		10.0	U	1000	94		P
Silver	ug/L	75 - 125	11.6		5.00	U	37.5	31	N	P
Sodium	ug/L	75 - 125	124000		127000		1500	-195		P
Thallium	ug/L	75 - 125	825		13.9	J	1000	81		P
Vanadium	ug/L	75 - 125	170		42.5		150	85		P
Zinc	ug/L	75 - 125	2380		2390		100	-12		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1576
contract: GENV01 **lab code:** CHEM **case no.:** Q1576 **sas no.:** Q1576
matrix: Water **sample id:** Q1576-01 **client id:** MW14MSD
Percent Solids for Sample: NA **Spiked ID:** Q1576-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	15800		14200		1000	158		P
Antimony	ug/L	75 - 125	375		2.18	J	400	93		P
Arsenic	ug/L	75 - 125	24700	D	28300	D	400	-879		P
Barium	ug/L	75 - 125	457		377		100	80		P
Beryllium	ug/L	75 - 125	91.4		1.76	J	100	90		P
Cadmium	ug/L	75 - 125	115		22.1		100	93		P
Calcium	ug/L	75 - 125	152000		151000		500	324		P
Chromium	ug/L	75 - 125	320		137		200	92		P
Cobalt	ug/L	75 - 125	106		10.3	J	100	96		P
Copper	ug/L	75 - 125	639		512		150	85		P
Iron	ug/L	75 - 125	184000		192000		1500	-522		P
Lead	ug/L	75 - 125	1400		1010		500	79		P
Magnesium	ug/L	75 - 125	18700		17500		1000	118		P
Manganese	ug/L	75 - 125	1190		1100		100	84		P
Nickel	ug/L	75 - 125	265		31.0		250	94		P
Potassium	ug/L	75 - 125	23200		17700		5000	110		P
Selenium	ug/L	75 - 125	995		10.0	U	1000	100		P
Silver	ug/L	75 - 125	11.3		5.00	U	37.5	30	N	P
Sodium	ug/L	75 - 125	128000		127000		1500	56		P
Thallium	ug/L	75 - 125	886		13.9	J	1000	87		P
Vanadium	ug/L	75 - 125	181		42.5		150	92		P
Zinc	ug/L	75 - 125	2520		2390		100	127		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
Matrix: Water **Level:** LOW **Client ID:** FRAC-TANK-FMI120A
Sample ID: Q1553-03 **Spiked ID:** Q1553-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.87		0.28		4.00	90		CV

A
B
C
D
E
F
G
H
I
J

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>G Environmental</u>	SDG No.: <u>Q1576</u>	
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1576</u> SAS No.: <u>Q1576</u>
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>MW14A</u>
Sample ID: <u>Q1576-01</u>	Spiked ID: <u>Q1576-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	452		377		100	76		P
Copper	ug/L	75 - 125	614		512		150	68		P
Lead	ug/L	75 - 125	1350		1010		500	69		P
Silver	ug/L	75 - 125	23.9		5.00	U	37.5	64		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1576</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1576</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1553-03</u>	Client ID:	<u>FRAC-TANK-FMI120DUP</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>Q1553-03DUP</u>	Percent Solids for Spike Sample:	<u>NA</u>

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.28		0.25		11		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1576</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1576</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1553-03MS</u>	Client ID:	<u>FRAC-TANK-FMI120MSD</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>Q1553-03MSD</u>	Percent Solids for Spike Sample:	<u>NA</u>

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.78		2.87		3		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
Matrix: Water **Sample ID:** Q1576-01 **Client ID:** MW14DUP
Percent Solids for Sample: NA **Duplicate ID** Q1576-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14200		14200		0		P
Antimony	ug/L	20	2.18	J	25.0	U	200.0		P
Arsenic	ug/L	20	28300	D	27800	D	2		P
Barium	ug/L	20	377		379		1		P
Beryllium	ug/L	20	1.76	J	1.75	J	1		P
Cadmium	ug/L	20	22.1		22.1		0		P
Calcium	ug/L	20	151000		151000		0		P
Chromium	ug/L	20	137		136		1		P
Cobalt	ug/L	20	10.3	J	10.7	J	4		P
Copper	ug/L	20	512		512		0		P
Iron	ug/L	20	192000		191000		1		P
Lead	ug/L	20	1010		1000		1		P
Magnesium	ug/L	20	17500		17500		0		P
Manganese	ug/L	20	1100		1110		1		P
Nickel	ug/L	20	31.0		30.9		0		P
Potassium	ug/L	20	17700		17500		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	127000		128000		1		P
Thallium	ug/L	20	13.9	J	14.2	J	2		P
Vanadium	ug/L	20	42.5		41.9		1		P
Zinc	ug/L	20	2390		2380		0		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576
Matrix: Water **Sample ID:** Q1576-01MS **Client ID:** MW14MSD
Percent Solids for Sample: NA **Duplicate ID** Q1576-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14900		15800		6		P
Antimony	ug/L	20	357		375		5		P
Arsenic	ug/L	20	24400	D	24700	D	1		P
Barium	ug/L	20	436		457		5		P
Beryllium	ug/L	20	83.2		91.4		9		P
Cadmium	ug/L	20	107		115		7		P
Calcium	ug/L	20	144000		152000		5		P
Chromium	ug/L	20	305		320		5		P
Cobalt	ug/L	20	99.2		106		7		P
Copper	ug/L	20	600		639		6		P
Iron	ug/L	20	180000		184000		2		P
Lead	ug/L	20	1320		1400		6		P
Magnesium	ug/L	20	17500		18700		7		P
Manganese	ug/L	20	1120		1190		6		P
Nickel	ug/L	20	249		265		6		P
Potassium	ug/L	20	22400		23200		4		P
Selenium	ug/L	20	939		995		6		P
Silver	ug/L	20	11.6		11.3		3		P
Sodium	ug/L	20	124000		128000		3		P
Thallium	ug/L	20	825		886		7		P
Vanadium	ug/L	20	170		181		6		P
Zinc	ug/L	20	2380		2520		6		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1576
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167177BS							
Aluminum	ug/L	1000	938		94	80 - 120	P
Antimony	ug/L	400	410		102	80 - 120	P
Arsenic	ug/L	400	401		100	80 - 120	P
Barium	ug/L	100	86.1		86	80 - 120	P
Beryllium	ug/L	100	92.5		92	80 - 120	P
Cadmium	ug/L	100	93.5		94	80 - 120	P
Calcium	ug/L	500	464	J	93	80 - 120	P
Chromium	ug/L	200	202		101	80 - 120	P
Cobalt	ug/L	100	94.5		94	80 - 120	P
Copper	ug/L	150	156		104	80 - 120	P
Iron	ug/L	1500	1430		95	80 - 120	P
Lead	ug/L	500	467		93	80 - 120	P
Magnesium	ug/L	1000	926	J	93	80 - 120	P
Manganese	ug/L	100	87.3		87	80 - 120	P
Nickel	ug/L	250	237		95	80 - 120	P
Potassium	ug/L	5000	4650		93	80 - 120	P
Selenium	ug/L	1000	995		100	80 - 120	P
Silver	ug/L	37.5	37.5		100	80 - 120	P
Sodium	ug/L	1500	1300		87	80 - 120	P
Thallium	ug/L	1000	967		97	80 - 120	P
Vanadium	ug/L	150	139		93	80 - 120	P
Zinc	ug/L	100	100		100	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q1576

Contract: GENV01

Lab Code: CHEM

Case No.: Q1576

SAS No.: Q1576

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167196BS Mercury	ug/L	4.0	3.88		97	82 - 119	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

FRAC-TANK-FMI120L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM **Lb No.:** lb135071 **Lab Sample ID :** Q1553-03L **SDG No.:** Q1576

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.28	0.40 J	44		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MW14L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM **Lb No.:** lb135158 **Lab Sample ID :** Q1576-01L **SDG No.:** Q1576

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	14200		14400		1		P
Antimony	2.18	J	125	U	100.0		P
Arsenic	28300	D	27000	D	5		P
Barium	377		360		4		P
Beryllium	1.76	J	1.86	J	6		P
Cadmium	22.1		19.8		11		P
Calcium	151000		156000		4		P
Chromium	137		144		5		P
Cobalt	10.3	J	10.4	J	0		P
Copper	512		551		7		P
Iron	192000		197000		3		P
Lead	1010		1070		6		P
Magnesium	17500		18400		5		P
Manganese	1100		1150		5		P
Nickel	31.0		31.8	J	3		P
Potassium	17700		16200		8		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	127000		121000		5		P
Thallium	13.9	J	100	U	100.0		P
Vanadium	42.5		43.0	J	1		P
Zinc	2390		2510		5		P

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1576 **Sas no.:** Q1576 **Sdg no.:** Q1576

Instrument id number: **Method:** **Run number:** LB135071

Start date: 03/18/2025 **End date:** 03/18/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1317	HG
S0.2	S0.2	1	1319	HG
S2.5	S2.5	1	1322	HG
S5	S5	1	1332	HG
S7.5	S7.5	1	1334	HG
S10	S10	1	1339	HG
ICV47	ICV47	1	1342	HG
ICB47	ICB47	1	1344	HG
CCV23	CCV23	1	1347	HG
CCB23	CCB23	1	1349	HG
CRA	CRA	1	1351	HG
PB167196BL	PB167196BL	1	1401	HG
PB167196BS	PB167196BS	1	1403	HG
Q1553-03DUP	FRAC-TANK-FMI120DUP	1	1407	HG
Q1553-03MS	FRAC-TANK-FMI120MS	1	1410	HG
Q1553-03MSD	FRAC-TANK-FMI120MSD	1	1412	HG
CCV24	CCV24	1	1417	HG
CCB24	CCB24	1	1419	HG
Q1553-03L	FRAC-TANK-FMI120L	5	1444	HG
Q1553-03A	FRAC-TANK-FMI120A	1	1447	HG
Q1576-01	MW14	2	1449	HG
CCV25	CCV25	1	1454	HG
CCB25	CCB25	1	1456	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1576 **Sas no.:** Q1576 **Sdg no.:** Q1576

Instrument id number: **Method:** **Run number:** LB135126

Start date: 03/21/2025 **End date:** 03/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0937	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	0941	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	0945	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	0950	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	0954	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	0958	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	1002	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	1007	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	1011	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	1020	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	1025	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	1029	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	1042	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	1046	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	1133	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	1137	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	1227	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	1231	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	1317	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	1321	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	1407	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	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167177BL	PB167177BL	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167177BS	PB167177BS	1	1454	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	1458	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	1502	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	1550	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	1554	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1644	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	1648	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	1725	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	1730	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	1741	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	1745	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.:** Q1576 **Sas no.:** Q1576 **Sdg no.:** Q1576

Instrument id number: **Method:** **Run number:** LB135158

Start date: 03/24/2025 **End date:** 03/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1001	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	1005	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	1010	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	1014	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	1018	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	1022	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	1033	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	1045	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	1049	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	1054	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	1058	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	1102	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	1121	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	1126	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	1212	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	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01	MW14	1	1227	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01DUP	MW14DUP	1	1232	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01L	MW14L	5	1236	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01MS	MW14MS	1	1240	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01MSD	MW14MSD	1	1245	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01A	MW14A	1	1249	Ag,Ba,Cu,Pb
CCV03	CCV03	1	1307	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	1311	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	1406	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	1411	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	1530	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	1534	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01	MW14	10	1615	As
Q1576-01DUP	MW14DUP	10	1619	As
Q1576-01L	MW14L	50	1623	As
Q1576-01MS	MW14MS	10	1628	As
CCV06	CCV06	1	1639	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	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01MSD	MW14MSD	10	1647	As
CCV07	CCV07	1	1729	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	1733	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1801	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	1808	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.: Q1576

Contract: GENV01

Lab Code: CHEM

Case No.: Q1576

SAS No.: Q1576

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.: Q1576

Contract: GENV01

Lab Code: CHEM

Case No.: Q1576

SAS No.: Q1576

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 INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1576

Contract: GENV01

Lab Code: CHEM

Case No.: Q1576

SAS No.: Q1576

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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 INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1576

Contract: GENV01

Lab Code: CHEM

Case No.: Q1576

SAS No.: Q1576

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.: Q1576

Contract: GENV01

Lab Code: CHEM

Case No.: Q1576

SAS No.: Q1576

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:	Q1576	OrderDate:	3/14/2025 11:28:00 AM
Client:	G Environmental	Project:	Ave L
Contact:	Gary Landis	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1576-01	MW14	Water			03/12/25			03/14/25
			Mercury	7470A		03/18/25	03/18/25	
			Metals ICP-TAL	6010D		03/18/25	03/24/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1576</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1576</u>
		SAS No.:	<u>Q1576</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167177							
PB167177BL	PB167177BL	MB	WATER	03/18/2025	50.0	25.0	
PB167177BS	PB167177BS	LCS	WATER	03/18/2025	50.0	25.0	
Q1576-01	MW14	SAM	WATER	03/18/2025	50.0	25.0	
Q1576-01DUP	MW14DUP	DUP	WATER	03/18/2025	50.0	25.0	
Q1576-01MS	MW14MS	MS	WATER	03/18/2025	50.0	25.0	
Q1576-01MSD	MW14MSD	MSD	WATER	03/18/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1576</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1576</u>
		SAS No.:	<u>Q1576</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167196							
PB167196BL	PB167196BL	MB	WATER	03/18/2025	30.0	30.0	
PB167196BS	PB167196BS	LCS	WATER	03/18/2025	30.0	30.0	
Q1553-03DUP	FRAC-TANK-FMI120DUP	DUP	WATER	03/18/2025	30.0	30.0	
Q1553-03MS	FRAC-TANK-FMI120MS	MS	WATER	03/18/2025	30.0	30.0	
Q1553-03MSD	FRAC-TANK-FMI120MSD	MSD	WATER	03/18/2025	30.0	30.0	
Q1576-01	MW14	SAM	WATER	03/18/2025	30.0	30.0	

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135071

Review By	Mohan	Review On	3/20/2025 11:18:38 AM
Supervise By	jaswal	Supervise On	3/20/2025 1:26:45 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84901,MP84902,MP84903,MP84904,MP84905,MP84906		
ICV Standard	MP84907		
CCV Standard	MP84909		
ICSA Standard			
CRI Standard	MP84911		
LCS Standard			
Chk Standard	MP84908,MP84910,MP84912,MP84898		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/18/25 13:17		Mohan	OK
2	S0.2	S0.2	CAL2	03/18/25 13:19		Mohan	OK
3	S2.5	S2.5	CAL3	03/18/25 13:22		Mohan	OK
4	S5	S5	CAL4	03/18/25 13:32		Mohan	OK
5	S7.5	S7.5	CAL5	03/18/25 13:34		Mohan	OK
6	S10	S10	CAL6	03/18/25 13:39		Mohan	OK
7	ICV47	ICV47	ICV	03/18/25 13:42		Mohan	OK
8	ICB47	ICB47	ICB	03/18/25 13:44		Mohan	OK
9	CCV23	CCV23	CCV	03/18/25 13:47		Mohan	OK
10	CCB23	CCB23	CCB	03/18/25 13:49		Mohan	OK
11	CRA	CRA	CRDL	03/18/25 13:51		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/18/25 13:53		Mohan	OK
13	ChkStd	ChkStd	SAM	03/18/25 13:58		Mohan	OK
14	PB167196BL	PB167196BL	MB	03/18/25 14:01		Mohan	OK
15	PB167196BS	PB167196BS	LCS	03/18/25 14:03		Mohan	OK
16	Q1553-03	FRAC-TANK-FMI120	SAM	03/18/25 14:05		Mohan	OK
17	Q1553-03DUP	FRAC-TANK-FMI120	DUP	03/18/25 14:07		Mohan	OK
18	Q1553-03MS	FRAC-TANK-FMI120	MS	03/18/25 14:10		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135071

Review By	Mohan	Review On	3/20/2025 11:18:38 AM
Supervise By	jaswal	Supervise On	3/20/2025 1:26:45 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84901,MP84902,MP84903,MP84904,MP84905,MP84906		
ICV Standard	MP84907		
CCV Standard	MP84909		
ICSA Standard			
CRI Standard	MP84911		
LCS Standard			
Chk Standard	MP84908,MP84910,MP84912,MP84898		

19	Q1553-03MSD	FRAC-TANK-FMI120M	MSD	03/18/25 14:12		Mohan	OK
20	Q1563-01	437	SAM	03/18/25 14:14		Mohan	OK
21	CCV24	CCV24	CCV	03/18/25 14:17		Mohan	OK
22	CCB24	CCB24	CCB	03/18/25 14:19		Mohan	OK
23	Q1563-02	FERNOT-WATER	SAM	03/18/25 14:21		Mohan	OK
24	Q1576-01	MW14	SAM	03/18/25 14:23	High	Mohan	Dilution
25	Q1577-03	MOO-25-0072	SAM	03/18/25 14:26		Mohan	OK
26	Q1588-01	TAPFTA-MW01D-0314	SAM	03/18/25 14:28		Mohan	OK
27	Q1590-04	3799	SAM	03/18/25 14:30		Mohan	OK
28	Q1553-03L	FRAC-TANK-FMI120L	SD	03/18/25 14:44		Mohan	OK
29	Q1553-03A	FRAC-TANK-FMI120A	PS	03/18/25 14:47		Mohan	OK
30	Q1576-01DL	MW14DL	SAM	03/18/25 14:49	Report 2X	Mohan	Confirms
31	CCV25	CCV25	CCV	03/18/25 14:54		Mohan	OK
32	CCB25	CCB25	CCB	03/18/25 14:56		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135126

Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/21/25 09:37		Kareem	OK
2	S1	S1	CAL2	03/21/25 09:41		Kareem	OK
3	S2	S2	CAL3	03/21/25 09:45		Kareem	OK
4	S3	S3	CAL4	03/21/25 09:50		Kareem	OK
5	S4	S4	CAL5	03/21/25 09:54		Kareem	OK
6	S5	S5	CAL6	03/21/25 09:58		Kareem	OK
7	ICV01	ICV01	ICV	03/21/25 10:02	Ba,Cu,Mn,Se,Na,Tl Fail (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/21/25 10:07		Kareem	OK
9	ICB01	ICB01	ICB	03/21/25 10:11		Kareem	OK
10	CRI01	CRI01	CRDL	03/21/25 10:20		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/21/25 10:25		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/21/25 10:29		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/21/25 10:33		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/21/25 10:37		Kareem	OK
15	CCV01	CCV01	CCV	03/21/25 10:42		Kareem	OK
16	CCB01	CCB01	CCB	03/21/25 10:46		Kareem	OK
17	PB167133TB	PB167133TB	MB	03/21/25 10:50		Kareem	OK
18	Q1507-04	50-MIDDLESEX-AVE	SAM	03/21/25 10:55		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135126

Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

19	Q1507-04DUP	50-MIDDLESEX-AVE	DUP	03/21/25 10:59		Kareem	OK
20	Q1507-04L	50-MIDDLESEX-AVE	SD	03/21/25 11:03		Kareem	OK
21	Q1507-04MS	50-MIDDLESEX-AVE	MS	03/21/25 11:08	0.1 ML OF M6013 AND M6004	Kareem	OK
22	Q1507-04MSD	50-MIDDLESEX-AVE	MSD	03/21/25 11:12	0.1 ML OF M6013 AND M6004	Kareem	OK
23	Q1507-04A	50-MIDDLESEX-AVE	PS	03/21/25 11:16	0.1 ML OF M6013 AND M6004	Kareem	OK
24	PB167240BL	PB167240BL	MB	03/21/25 11:20		Kareem	OK
25	PB167240BS	PB167240BS	LCS	03/21/25 11:25	0.1 ML OF M6013 AND M6004	Kareem	OK
26	Q1583-02	EFF-WASTE WATER	SAM	03/21/25 11:29	Not use	Kareem	Not Ok
27	CCV02	CCV02	CCV	03/21/25 11:33		Kareem	OK
28	CCB02	CCB02	CCB	03/21/25 11:37		Kareem	OK
29	Q1583-02DUP	EFF-WASTE WATER	DUP	03/21/25 11:41	Not use	Kareem	Not Ok
30	Q1583-02L	EFF-WASTE WATER	SD	03/21/25 11:46	Not use	Kareem	Not Ok
31	Q1583-02MS	EFF-WASTE WATER	MS	03/21/25 11:50	Not use	Kareem	Not Ok
32	ZN 25 PPM	ZN 25 PPM	SAM	03/21/25 11:58		Kareem	OK
33	Q1583-02MSD	EFF-WASTE WATER	MSD	03/21/25 12:02	Not use	Kareem	Not Ok
34	Q1583-02A	EFF-WASTE WATER	PS	03/21/25 12:06	Not use	Kareem	Not Ok
35	PB167178BL	PB167178BL	MB	03/21/25 12:10	Not use	Kareem	Not Ok
36	PB167178BS	PB167178BS	LCS	03/21/25 12:15	Not use	Kareem	Not Ok
37	Q1598-01	ETGI-354	SAM	03/21/25 12:19	Cr High	Kareem	Dilution

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135126

Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

38	Q1598-03DUP	72-11944DUP	DUP	03/21/25 12:23	Cr High	Kareem	Dilution
39	CCV03	CCV03	CCV	03/21/25 12:27		Kareem	OK
40	CCB03	CCB03	CCB	03/21/25 12:31		Kareem	OK
41	Q1598-03L	72-11944L	SD	03/21/25 12:35		Kareem	OK
42	Q1598-03A	72-11944A	PS	03/21/25 12:48	0.1 ML OF M6013 AND M6004	Kareem	OK
43	Q1605-01	DRUM-SOIL-CUTTIN	SAM	03/21/25 12:52		Kareem	OK
44	PB167211BL	PB167211BL	MB	03/21/25 12:56		Kareem	OK
45	PB167211BS	PB167211BS	LCS	03/21/25 13:00	0.1 ML OF M6013 AND M6004	Kareem	OK
46	Q1604-02	FRAC-TANK-N45878	SAM	03/21/25 13:04		Kareem	OK
47	Q1598-03	72-11944	SAM	03/21/25 13:09	Cr High	Kareem	Dilution
48	Q1598-03MS	72-11944MS	MS	03/21/25 13:13	Cr High	Kareem	Dilution
49	CCV04	CCV04	CCV	03/21/25 13:17		Kareem	OK
50	CCB04	CCB04	CCB	03/21/25 13:21		Kareem	OK
51	Q1598-03MSD	72-11944MSD	MSD	03/21/25 13:26	Cr High	Kareem	Dilution
52	Q1598-01DL	ETGI-354DL	SAM	03/21/25 13:30	5X Cr High	Kareem	Confirms
53	Q1598-03DL	72-11944DL	SAM	03/21/25 13:34	5X Cr High	Kareem	Confirms
54	Q1598-03DUPDL	72-11944DUPDL	DUP	03/21/25 13:38	5X Cr High	Kareem	Confirms
55	Q1598-03LDL	72-11944LDL	SD	03/21/25 13:42	Not Use	Kareem	Not Ok
56	Q1598-03MSDL	72-11944MSDL	MS	03/21/25 13:46	5X Cr High	Kareem	Confirms

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135126

Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

57	Q1598-03MSDDL	72-11944MSDDL	MSD	03/21/25 13:50	5X Cr High	Kareem	Confirms
58	Q1598-03ADL	72-11944ADL	PS	03/21/25 13:55	Not Use	Kareem	Not Ok
59	Q1604-02DUP	FRAC-TANK-N45878	DUP	03/21/25 13:59		Kareem	OK
60	Q1604-02L	FRAC-TANK-N45878	SD	03/21/25 14:03		Kareem	OK
61	CCV05	CCV05	CCV	03/21/25 14:07		Kareem	OK
62	CCB05	CCB05	CCB	03/21/25 14:11		Kareem	OK
63	Q1604-02MS	FRAC-TANK-N45878	MS	03/21/25 14:16	0.1 ML OF M6013 AND M6004	Kareem	OK
64	Q1604-02MSD	FRAC-TANK-N45878	MSD	03/21/25 14:20	0.1 ML OF M6013 AND M6004	Kareem	OK
65	Q1604-02A	FRAC-TANK-N45878	PS	03/21/25 14:24	0.1 ML OF M6013 AND M6004	Kareem	OK
66	Q1606-11	N48965	SAM	03/21/25 14:28		Kareem	OK
67	PB167225BL	PB167225BL	MB	03/21/25 14:33		Kareem	OK
68	PB167225BS	PB167225BS	LCS	03/21/25 14:37	0.1 ML OF M6013 AND M6004	Kareem	OK
69	PB167224BL	PB167224BL	MB	03/21/25 14:41		Kareem	OK
70	PB167224BS	PB167224BS	LCS	03/21/25 14:46	0.1 ML OF M6013 AND M6004	Kareem	OK
71	PB167177BL	PB167177BL	MB	03/21/25 14:50		Kareem	OK
72	PB167177BS	PB167177BS	LCS	03/21/25 14:54	0.1 ML OF M6013 AND M6004	Kareem	OK
73	CCV06	CCV06	CCV	03/21/25 14:58		Kareem	OK
74	CCB06	CCB06	CCB	03/21/25 15:02		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135126

Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

75	PB167193TB	PB167193TB	MB	03/21/25 15:06		Kareem	OK
76	Q1590-01	3794	SAM	03/21/25 15:11		Kareem	OK
77	Q1592-02	OILY-DEBRIS-COMP	SAM	03/21/25 15:15		Kareem	OK
78	Q1597-02	1-CONCRETE-SLAB	SAM	03/21/25 15:20		Kareem	OK
79	Q1597-04	2-CONCRETE-SLAB	SAM	03/21/25 15:24		Kareem	OK
80	Q1597-06	3-CONCRETE-SLAB	SAM	03/21/25 15:29		Kareem	OK
81	Q1597-06DUP	3-CONCRETE-SLAB	DUP	03/21/25 15:33		Kareem	OK
82	Q1597-06L	3-CONCRETE-SLAB	SD	03/21/25 15:37		Kareem	OK
83	Q1597-06MS	3-CONCRETE-SLAB	MS	03/21/25 15:42	0.1 ML OF M6013 AND M6004	Kareem	OK
84	Q1597-06MSD	3-CONCRETE-SLAB	MSD	03/21/25 15:46	0.1 ML OF M6013 AND M6004	Kareem	OK
85	CCV07	CCV07	CCV	03/21/25 15:50		Kareem	OK
86	CCB07	CCB07	CCB	03/21/25 15:54		Kareem	OK
87	Q1597-06A	3-CONCRETE-SLAB	PS	03/21/25 15:58	0.1 ML OF M6013 AND M6004	Kareem	OK
88	PB167210BL	PB167210BL	MB	03/21/25 16:03		Kareem	OK
89	PB167210BS	PB167210BS	LCS	03/21/25 16:07	0.1 ML OF M6013 AND M6004	Kareem	OK
90	LR1	LR1	HIGH STD	03/21/25 16:15		Kareem	OK
91	LR2	LR2	HIGH STD	03/21/25 16:19		Kareem	OK
92	Q1606-01	CHRT24743	SAM	03/21/25 16:24		Kareem	OK
93	Q1606-01DUP	CHRT24743DUP	DUP	03/21/25 16:28		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135126

Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

94	Q1606-01L	CHRT24743L	SD	03/21/25 16:32		Kareem	OK
95	Q1606-01MS	CHRT24743MS	MS	03/21/25 16:36	0.1 ML OF M6013 AND M6004	Kareem	OK
96	Q1606-01MSD	CHRT24743MSD	MSD	03/21/25 16:40	0.1 ML OF M6013 AND M6004	Kareem	OK
97	CCV08	CCV08	CCV	03/21/25 16:44		Kareem	OK
98	CCB08	CCB08	CCB	03/21/25 16:48		Kareem	OK
99	Q1606-01A	CHRT24743A	PS	03/21/25 16:52	0.1 ML OF M6013 AND M6004	Kareem	OK
100	Q1606-03	RBR251346	SAM	03/21/25 16:56		Kareem	OK
101	Q1606-05	RT4534	SAM	03/21/25 17:01		Kareem	OK
102	Q1606-07	RT3025	SAM	03/21/25 17:05		Kareem	OK
103	Q1607-09	Q1607-09	SAM	03/21/25 17:09	Not On login page	Kareem	Not Ok
104	Q1607-01	OR-03-031925	SAM	03/21/25 17:13		Kareem	OK
105	Q1592-03	257952	SAM	03/21/25 17:17		Kareem	OK
106	Q1594-01DL	GAS-CAM-40615DL	SAM	03/21/25 17:21	10X for Na,Fe,Ag High	Kareem	Confirms
107	CCV09	CCV09	CCV	03/21/25 17:25		Kareem	OK
108	CCB09	CCB09	CCB	03/21/25 17:30		Kareem	OK
109	Q1594-01	GAS-CAM-40615	SAM	03/21/25 17:34	Ag oversaturated, Na,Fe High	Kareem	Dilution
110	CCV10	CCV10	CCV	03/21/25 17:41		Kareem	OK
111	CCB10	CCB10	CCB	03/21/25 17:45		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/24/25 10:01		Kareem	OK
2	S1	S1	CAL2	03/24/25 10:05		Kareem	OK
3	S2	S2	CAL3	03/24/25 10:10		Kareem	OK
4	S3	S3	CAL4	03/24/25 10:14		Kareem	OK
5	S4	S4	CAL5	03/24/25 10:18		Kareem	OK
6	S5	S5	CAL6	03/24/25 10:22		Kareem	OK
7	ICV01	ICV01	ICV	03/24/25 10:33	ICV fail for Ba,Na (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/24/25 10:45		Kareem	OK
9	ICB01	ICB01	ICB	03/24/25 10:49		Kareem	OK
10	CRI01	CRI01	CRDL	03/24/25 10:54		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/24/25 10:58		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/24/25 11:02		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/24/25 11:13		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/24/25 11:17		Kareem	OK
15	CCV01	CCV01	CCV	03/24/25 11:21		Kareem	OK
16	CCB01	CCB01	CCB	03/24/25 11:26		Kareem	OK
17	Q1628-01	001-WILLETS-PT-BL	SAM	03/24/25 11:30		Kareem	OK
18	Q1628-02	002-35TH-AVE(MAR)	SAM	03/24/25 11:35		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

19	Q1605-02	DRUM-SOIL-CUTTIN	SAM	03/24/25 11:39		Kareem	OK
20	Q1583-02	EFF-WASTE WATER	SAM	03/24/25 11:43		Kareem	OK
21	Q1583-02DUP	EFF-WASTE WATER	DUP	03/24/25 11:48		Kareem	OK
22	Q1583-02L	EFF-WASTE WATER	SD	03/24/25 11:52		Kareem	OK
23	Q1583-02MS	EFF-WASTE WATER	MS	03/24/25 11:56	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
24	Q1583-02MSD	EFF-WASTE WATER	MSD	03/24/25 12:00	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
25	Q1583-02A	EFF-WASTE WATER	PS	03/24/25 12:04	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
26	PB167178BL	PB167178BL	MB	03/24/25 12:08		Kareem	OK
27	CCV02	CCV02	CCV	03/24/25 12:12		Kareem	OK
28	CCB02	CCB02	CCB	03/24/25 12:17		Kareem	OK
29	PB167178BS	PB167178BS	LCS	03/24/25 12:21	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
30	Q1576-01	MW14	SAM	03/24/25 12:27	As high	Kareem	Dilution
31	Q1576-01DUP	MW14DUP	DUP	03/24/25 12:32	As high	Kareem	Dilution
32	Q1576-01L	MW14L	SD	03/24/25 12:36	As high	Kareem	Dilution
33	Q1576-01MS	MW14MS	MS	03/24/25 12:40	As high	Kareem	Dilution
34	Q1576-01MSD	MW14MSD	MSD	03/24/25 12:45	As high	Kareem	Dilution

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

35	Q1576-01A	MW14A	PS	03/24/25 12:49	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
36	Q1595-02	SPRING-2025	SAM	03/24/25 12:53		Kareem	OK
37	Q1595-02DUP	SPRING-2025DUP	DUP	03/24/25 12:58		Kareem	OK
38	Q1595-02L	SPRING-2025L	SD	03/24/25 13:02		Kareem	OK
39	CCV03	CCV03	CCV	03/24/25 13:07		Kareem	OK
40	CCB03	CCB03	CCB	03/24/25 13:11		Kareem	OK
41	Q1595-02MS	SPRING-2025MS	MS	03/24/25 13:15	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
42	Q1595-02MSD	SPRING-2025MSD	MSD	03/24/25 13:20	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
43	Q1595-02A	SPRING-2025A	PS	03/24/25 13:24	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
44	PB167266BL	PB167266BL	MB	03/24/25 13:28		Kareem	OK
45	PB167266BS	PB167266BS	LCS	03/24/25 13:32	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
46	Q1618-01	TP20250320-01	SAM	03/24/25 13:36		Kareem	OK
47	Q1618-01DUP	TP20250320-01DUP	DUP	03/24/25 13:41		Kareem	OK
48	Q1618-01L	TP20250320-01L	SD	03/24/25 13:45		Kareem	OK
49	Q1618-01MS	TP20250320-01MS	MS	03/24/25 13:49	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

50	Q1618-01MSD	TP20250320-01MSD	MSD	03/24/25 13:54	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
51	CCV04	CCV04	CCV	03/24/25 14:06		Kareem	OK
52	CCB04	CCB04	CCB	03/24/25 14:11		Kareem	OK
53	Q1618-01A	TP20250320-01A	PS	03/24/25 14:16	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
54	Q1618-02	TP20250320-02	SAM	03/24/25 14:20		Kareem	OK
55	PB167258BL	PB167258BL	MB	03/24/25 14:24		Kareem	OK
56	PB167258BS	PB167258BS	LCS	03/24/25 14:29	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
57	PB167233TB	PB167233TB	MB	03/24/25 14:33		Kareem	OK
58	Q1606-02	CHRT24743	SAM	03/24/25 14:37		Kareem	OK
59	Q1606-04	RBR251346	SAM	03/24/25 14:41		Kareem	OK
60	Q1606-06	RT4534	SAM	03/24/25 14:46		Kareem	OK
61	Q1606-08	RT3025	SAM	03/24/25 14:50		Kareem	OK
62	Q1606-10	CHRT28607	SAM	03/24/25 14:55		Kareem	OK
63	CCV05	CCV05	CCV	03/24/25 15:30		Kareem	OK
64	CCB05	CCB05	CCB	03/24/25 15:34		Kareem	OK
65	Q1610-03	SOIL-PILE	SAM	03/24/25 15:43		Kareem	OK
66	Q1609-03	WC-SCRN-01-C	SAM	03/24/25 15:53		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

67	Q1619-02	CONCRETE-1	SAM	03/24/25 15:57		Kareem	OK
68	Q1619-04	CONCRETE-2	SAM	03/24/25 16:02		Kareem	OK
69	Q1619-06	TP-1	SAM	03/24/25 16:06		Kareem	OK
70	Q1619-08	TP-2	SAM	03/24/25 16:11		Kareem	OK
71	Q1576-01DL	MW14DL	SAM	03/24/25 16:15	10x for As	Kareem	Confirms
72	Q1576-01DUPDL	MW14DUPDL	DUP	03/24/25 16:19	10x for As	Kareem	Confirms
73	Q1576-01LDL	MW14LDL	SD	03/24/25 16:23	50x for As	Kareem	Confirms
74	Q1576-01MSDL	MW14MSDL	MS	03/24/25 16:28	10x for As	Kareem	Confirms
75	CCV06	CCV06	CCV	03/24/25 16:39		Kareem	OK
76	CCB06	CCB06	CCB	03/24/25 16:43		Kareem	OK
77	Q1576-01MSDDL	MW14MSDDL	MSD	03/24/25 16:47	10x for As	Kareem	Confirms
78	Q1576-01ADL	MW14ADL	PS	03/24/25 16:52	Not Required	Kareem	Not Ok
79	Q1611-01	RBR200030	SAM	03/24/25 16:56		Kareem	OK
80	Q1614-01	TR-04-032025	SAM	03/24/25 17:00		Kareem	OK
81	Q1614-01DUP	TR-04-032025DUP	DUP	03/24/25 17:04		Kareem	OK
82	Q1614-01L	TR-04-032025L	SD	03/24/25 17:08		Kareem	OK
83	Q1614-01MS	TR-04-032025MS	MS	03/24/25 17:13	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
84	Q1614-01MSD	TR-04-032025MSD	MSD	03/24/25 17:17	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

85	Q1614-01A	TR-04-032025A	PS	03/24/25 17:21	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
86	Q1619-10	TP-3	SAM	03/24/25 17:25		Kareem	OK
87	CCV07	CCV07	CCV	03/24/25 17:29		Kareem	OK
88	CCB07	CCB07	CCB	03/24/25 17:33		Kareem	OK
89	LR1	LR1	HIGH STD	03/24/25 17:38		Kareem	OK
90	LR2	LR2	HIGH STD	03/24/25 17:52		Kareem	OK
91	CCV08	CCV08	CCV	03/24/25 18:01		Kareem	OK
92	CCB08	CCB08	CCB	03/24/25 18:08		Kareem	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 03/18/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 03/18/2025 Time : 13:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKG*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6003
LFS-1	0.25	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
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP84720
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 1 CELL 55 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/18/25 14:10	<i>SKG.metal lab</i>	<i>SKG (metal lab)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167177BL	PBW177	<2	50	50	Brown	Colorless	Clear	Clear	N/A	8
PB167177BS	LCS177	<2	50	50	Brown	Colorless	Clear	Clear	M6003,M6012	9
Q1576-01	MW14	<2	50	50	Brown	ligh	Cloudy	Clear	N/A	10
Q1576-01MS	MW14MS	<2	50	50	Brown	ligh	Cloudy	Clear	M6003,M6012	12
Q1576-01MSD	MW14MSD	<2	50	50	Brown	ligh	Cloudy	Clear	M6003,M6012	13
Q1576-01DUP	MW14DUP	<2	50	50	Brown	ligh	Cloudy	Clear	N/A	11
Q1592-03	257952	<2	50	50	Brown	ligh	Cloudy	Clear	N/A	14
Q1593-01	258829	<2	50	50	Brown	ligh	Cloudy	Clear	N/A	15
Q1594-01	GAS-CAM-40615	<2	50	50	Brown	Brown	Cloudy	Clear	N/A	16

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 03/18/2025 Time : 08:35 Temp : 94 °C

End Digest Date: 03/18/2025 Time : 10:35 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84907
CCV	30mL	MP84909
CRA	30mL	MP84911
Blank Spike	0.48mL	MP84900
Matrix Spike	0.48mL	MP84900

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP84563
KMnO4 (5%)	4.5mL	MP84564
K2S2O8 (5%)	2.5mL	MP84565
Hydroxylamine HCL (12%)	2.0mL	MP84566
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	MP84901
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84902
2.5 ppb	S2.5	30mL	MP84903
5.0 ppb	S5.0	30mL	MP84904
7.5 ppb	S7.5	30mL	MP84905
10.0 ppb	S10.0	30mL	MP84906
ICV	ICV	30mL	MP84907
ICB	ICB	30mL	MP84908
CCV	CCV	30mL	MP84909
CCB	CCB	30mL	MP84910
CRI	CRI	30mL	MP84911
CHK STD	CHK STD	30mL	MP84912

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/18/25 @ 11:05	MB - Dig Lab	MB - Metro Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167196BL	PBW196	30	30	<2	N/A	3-1
PB167196BS	LCS196	30	30	<2	MP84900	2
Q1553-03DUP	FRAC-TANK-FMI120DUP	30	30	<2	N/A	4
Q1553-03MS	FRAC-TANK-FMI120MS	30	30	<2	MP84900	5
Q1553-03MSD	FRAC-TANK-FMI120MSD	30	30	<2	MP84900	6
Q1553-03	FRAC-TANK-FMI120	30	30	<2	N/A	3
Q1563-01	437	30	30	<2	N/A	7
Q1563-02	FERNOT-WATER	30	30	<2	N/A	8
Q1576-01	MW14	30	30	<2	N/A	9
Q1577-03	MOO-25-0072	30	30	<2	N/A	10
Q1588-01	TAPFTA-MW01D-031425-00-T1	30	30	<2	N/A	11
Q1590-04	3799	30	30	<2	N/A	12