

Hit Summary Sheet SW-846

SDG No.: Q3172
Client: G Environmental

Order ID: Q3172
Project ID: Amsterdam

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : FW7D								
Q3172-01	FW7D	Water	Aluminum	113000		5.67	50.0	ug/L
Q3172-01	FW7D	Water	Arsenic	215		2.56	10.0	ug/L
Q3172-01	FW7D	Water	Barium	2280		7.28	50.0	ug/L
Q3172-01	FW7D	Water	Beryllium	9.65		0.28	3.00	ug/L
Q3172-01	FW7D	Water	Cadmium	12.2		0.25	3.00	ug/L
Q3172-01	FW7D	Water	Calcium	435000		117	1000	ug/L
Q3172-01	FW7D	Water	Chromium	135		1.06	5.00	ug/L
Q3172-01	FW7D	Water	Cobalt	201		1.13	15.0	ug/L
Q3172-01	FW7D	Water	Copper	210		2.30	10.0	ug/L
Q3172-01	FW7D	Water	Iron	191000		11.7	50.0	ug/L
Q3172-01	FW7D	Water	Lead	142		1.15	6.00	ug/L
Q3172-01	FW7D	Water	Magnesium	105000		122	1000	ug/L
Q3172-01	FW7D	Water	Manganese	8680		2.97	10.0	ug/L
Q3172-01	FW7D	Water	Mercury	0.72		0.076	0.20	ug/L
Q3172-01	FW7D	Water	Nickel	392		1.53	20.0	ug/L
Q3172-01	FW7D	Water	Potassium	43000		459	1000	ug/L
Q3172-01	FW7D	Water	Sodium	98300		434	1000	ug/L
Q3172-01	FW7D	Water	Vanadium	190		3.13	20.0	ug/L
Q3172-01	FW7D	Water	Zinc	751		8.33	20.0	ug/L
Client ID : FW6D								
Q3172-02	FW6D	Water	Aluminum	610		5.67	50.0	ug/L
Q3172-02	FW6D	Water	Arsenic	30.0		2.56	10.0	ug/L
Q3172-02	FW6D	Water	Barium	117		7.28	50.0	ug/L
Q3172-02	FW6D	Water	Cadmium	0.36	J	0.25	3.00	ug/L
Q3172-02	FW6D	Water	Calcium	42300		117	1000	ug/L
Q3172-02	FW6D	Water	Chromium	3.33	J	1.06	5.00	ug/L
Q3172-02	FW6D	Water	Cobalt	2.59	J	1.13	15.0	ug/L
Q3172-02	FW6D	Water	Copper	47.6		2.30	10.0	ug/L
Q3172-02	FW6D	Water	Iron	13800		11.7	50.0	ug/L
Q3172-02	FW6D	Water	Lead	6.17		1.15	6.00	ug/L
Q3172-02	FW6D	Water	Magnesium	3980		122	1000	ug/L
Q3172-02	FW6D	Water	Manganese	892		2.97	10.0	ug/L
Q3172-02	FW6D	Water	Mercury	0.087	J	0.076	0.20	ug/L
Q3172-02	FW6D	Water	Nickel	5.26	J	1.53	20.0	ug/L
Q3172-02	FW6D	Water	Potassium	10600		459	1000	ug/L
Q3172-02	FW6D	Water	Sodium	19600		434	1000	ug/L
Q3172-02	FW6D	Water	Zinc	117		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW7D	SDG No.:	Q3172
Lab Sample ID:	Q3172-01	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	113000		1	5.67	50.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-38-2	Arsenic	215		1	2.56	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-39-3	Barium	2280		1	7.28	50.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-41-7	Beryllium	9.65		1	0.28	3.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-43-9	Cadmium	12.2		1	0.25	3.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-70-2	Calcium	435000		1	117	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-47-3	Chromium	135		1	1.06	5.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-48-4	Cobalt	201		1	1.13	15.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-50-8	Copper	210		1	2.30	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-89-6	Iron	191000		1	11.7	50.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-92-1	Lead	142		1	1.15	6.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-95-4	Magnesium	105000		1	122	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-96-5	Manganese	8680		1	2.97	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7439-97-6	Mercury	0.72		1	0.076	0.20	ug/L	09/26/25 14:40	09/29/25 12:37	7470A	
7440-02-0	Nickel	392		1	1.53	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-09-7	Potassium	43000		1	459	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-23-5	Sodium	98300	N	1	434	1000	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-62-2	Vanadium	190		1	3.13	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010
7440-66-6	Zinc	751	N	1	8.33	20.0	ug/L	09/24/25 12:35	09/25/25 14:17	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	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

Report of Analysis

Client:	G Environmental	Date Collected:	09/22/25
Project:	Amsterdam	Date Received:	09/23/25
Client Sample ID:	FW6D	SDG No.:	Q3172
Lab Sample ID:	Q3172-02	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	610		1	5.67	50.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-38-2	Arsenic	30.0		1	2.56	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-39-3	Barium	117		1	7.28	50.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-43-9	Cadmium	0.36	J	1	0.25	3.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-70-2	Calcium	42300		1	117	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-47-3	Chromium	3.33	J	1	1.06	5.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-48-4	Cobalt	2.59	J	1	1.13	15.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-50-8	Copper	47.6		1	2.30	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-89-6	Iron	13800		1	11.7	50.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-92-1	Lead	6.17		1	1.15	6.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-95-4	Magnesium	3980		1	122	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-96-5	Manganese	892		1	2.97	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7439-97-6	Mercury	0.087	J	1	0.076	0.20	ug/L	09/26/25 14:40	09/29/25 12:40	7470A	
7440-02-0	Nickel	5.26	J	1	1.53	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-09-7	Potassium	10600		1	459	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-23-5	Sodium	19600	N	1	434	1000	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010
7440-66-6	Zinc	117	N	1	8.33	20.0	ug/L	09/24/25 12:35	09/25/25 14:35	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	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

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* = 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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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB50	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	10:46	LB137343

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB51	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	10:51	LB137343
CCB52	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	11:24	LB137343
CCB53	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	11:53	LB137343
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	12:20	LB137343
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	12:56	LB137343
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	13:24	LB137343
CCB57	Mercury	0.076	+/-0.2	U	0.20	CV	09/29/2025	13:38	LB137343

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	09/25/2025	11:33	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	11:33	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	11:33	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	11:33	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	11:33	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	11:33	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	11:33	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	11:33	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	11:33	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	11:33	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	11:33	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	11:33	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	11:33	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	11:33	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	11:33	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	11:33	LB137314

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	09/25/2025	12:17	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	12:17	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	12:17	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	12:17	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	12:17	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	12:17	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	12:17	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	12:17	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	12:17	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	12:17	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	12:17	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	12:17	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	12:17	LB137314
CCB02	Aluminum	11.3	+/-50	U	100	P	09/25/2025	13:27	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	13:27	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	13:27	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	13:27	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	13:27	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	13:27	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	13:27	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	13:27	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	13:27	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	13:27	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	13:27	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	13:27	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	13:27	LB137314

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	09/25/2025	13:27	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	13:27	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	13:27	LB137314
CCB03	Aluminum	11.3	+/-50	U	100	P	09/25/2025	14:30	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	14:30	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	14:30	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	14:30	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	14:30	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	14:30	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	14:30	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	14:30	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	14:30	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	14:30	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	14:30	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	14:30	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	14:30	LB137314
CCB04	Aluminum	11.3	+/-50	U	100	P	09/25/2025	15:20	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	15:20	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	15:20	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	15:20	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	15:20	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	15:20	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	15:20	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	15:20	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	15:20	LB137314

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	15:20	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	15:20	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	15:20	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	15:20	LB137314
CCB05	Aluminum	11.3	+/-50	U	100	P	09/25/2025	16:20	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	16:20	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	16:20	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	16:20	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	16:20	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	16:20	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	16:20	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	16:20	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	16:20	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	16:20	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	16:20	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	16:20	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	16:20	LB137314
CCB06	Aluminum	11.3	+/-50	U	100	P	09/25/2025	17:31	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	17:31	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	17:31	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	17:31	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	17:31	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	17:31	LB137314

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	17:31	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	17:31	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	17:31	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	17:31	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	17:31	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	17:31	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	17:31	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	17:31	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	17:31	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	17:31	LB137314
CCB07	Aluminum	11.3	+/-50	U	100	P	09/25/2025	17:44	LB137314
	Antimony	6.76	+/-25	U	50.0	P	09/25/2025	17:44	LB137314
	Arsenic	5.12	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Barium	14.6	+/-50	U	100	P	09/25/2025	17:44	LB137314
	Beryllium	0.56	+/-3	U	6.00	P	09/25/2025	17:44	LB137314
	Cadmium	0.50	+/-3	U	6.00	P	09/25/2025	17:44	LB137314
	Calcium	234	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Chromium	2.12	+/-5	U	10.0	P	09/25/2025	17:44	LB137314
	Cobalt	2.26	+/-15	U	30.0	P	09/25/2025	17:44	LB137314
	Copper	4.60	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Iron	23.4	+/-50	U	100	P	09/25/2025	17:44	LB137314
	Lead	2.30	+/-6	U	12.0	P	09/25/2025	17:44	LB137314
	Magnesium	244	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Manganese	5.94	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Nickel	3.06	+/-20	U	40.0	P	09/25/2025	17:44	LB137314
	Potassium	918	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Selenium	9.64	+/-10	U	20.0	P	09/25/2025	17:44	LB137314
	Silver	1.62	+/-5	U	10.0	P	09/25/2025	17:44	LB137314
	Sodium	868	+/-1000	U	2000	P	09/25/2025	17:44	LB137314
	Thallium	4.38	+/-20	U	40.0	P	09/25/2025	17:44	LB137314
	Vanadium	6.26	+/-20	U	40.0	P	09/25/2025	17:44	LB137314
	Zinc	16.7	+/-20	U	40.0	P	09/25/2025	17:44	LB137314

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169872BL		WATER		Batch Number:	PB169872		Prep Date:	09/26/2025	
	Mercury	0.088	<0.2	J	0.20	CV	09/29/2025	12:27	LB137343

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169812BL	WATER			Batch Number:	PB169812		Prep Date:	09/24/2025	
	Aluminum	5.67	<25	U	50.0	P	09/25/2025	13:02	LB137314
	Antimony	3.38	<12.5	U	25.0	P	09/25/2025	13:02	LB137314
	Arsenic	2.56	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Barium	7.28	<25	U	50.0	P	09/25/2025	13:02	LB137314
	Beryllium	0.28	<1.5	U	3.00	P	09/25/2025	13:02	LB137314
	Cadmium	0.25	<1.5	U	3.00	P	09/25/2025	13:02	LB137314
	Calcium	117	<500	U	1000	P	09/25/2025	13:02	LB137314
	Chromium	1.06	<2.5	U	5.00	P	09/25/2025	13:02	LB137314
	Cobalt	1.13	<7.5	U	15.0	P	09/25/2025	13:02	LB137314
	Copper	2.30	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Iron	11.7	<25	U	50.0	P	09/25/2025	13:02	LB137314
	Lead	1.15	<3	U	6.00	P	09/25/2025	13:02	LB137314
	Magnesium	122	<500	U	1000	P	09/25/2025	13:02	LB137314
	Manganese	2.97	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Nickel	1.53	<10	U	20.0	P	09/25/2025	13:02	LB137314
	Potassium	459	<500	U	1000	P	09/25/2025	13:02	LB137314
	Selenium	4.82	<5	U	10.0	P	09/25/2025	13:02	LB137314
	Silver	0.81	<2.5	U	5.00	P	09/25/2025	13:02	LB137314
	Sodium	434	<500	U	1000	P	09/25/2025	13:02	LB137314
	Thallium	2.19	<10	U	20.0	P	09/25/2025	13:02	LB137314
	Vanadium	3.13	<10	U	20.0	P	09/25/2025	13:02	LB137314
	Zinc	8.33	<10	U	20.0	P	09/25/2025	13:02	LB137314



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV50	Mercury	3.71	4.0	93	90 - 110	CV	09/29/2025	10:44	LB137343

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV51	Mercury	5.02	5.0	100	90 - 110	CV	09/29/2025	10:49	LB137343
CCV52	Mercury	5.09	5.0	102	90 - 110	CV	09/29/2025	11:22	LB137343
CCV53	Mercury	4.84	5.0	97	90 - 110	CV	09/29/2025	11:51	LB137343
CCV54	Mercury	4.65	5.0	93	90 - 110	CV	09/29/2025	12:18	LB137343
CCV55	Mercury	4.75	5.0	95	90 - 110	CV	09/29/2025	12:53	LB137343
CCV56	Mercury	4.85	5.0	97	90 - 110	CV	09/29/2025	13:22	LB137343
CCV57	Mercury	4.81	5.0	96	90 - 110	CV	09/29/2025	13:36	LB137343

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7830	8000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Antimony	4090	4000	102	90 - 110	P	09/25/2025	11:20	LB137314
	Arsenic	3970	4000	99	90 - 110	P	09/25/2025	11:20	LB137314
	Barium	7810	8000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Beryllium	196	200	98	90 - 110	P	09/25/2025	11:20	LB137314
	Cadmium	1970	2000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Calcium	19500	20000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Chromium	816	800	102	90 - 110	P	09/25/2025	11:20	LB137314
	Cobalt	1970	2000	98	90 - 110	P	09/25/2025	11:20	LB137314
	Copper	1010	1000	101	90 - 110	P	09/25/2025	11:20	LB137314
	Iron	4180	4000	105	90 - 110	P	09/25/2025	11:20	LB137314
	Lead	3850	4000	96	90 - 110	P	09/25/2025	11:20	LB137314
	Magnesium	19400	20000	97	90 - 110	P	09/25/2025	11:20	LB137314
	Manganese	1950	2000	97	90 - 110	P	09/25/2025	11:20	LB137314
	Nickel	1970	2000	99	90 - 110	P	09/25/2025	11:20	LB137314
	Potassium	20700	20000	104	90 - 110	P	09/25/2025	11:20	LB137314
	Selenium	4010	4000	100	90 - 110	P	09/25/2025	11:20	LB137314
	Silver	1020	1000	102	90 - 110	P	09/25/2025	11:20	LB137314
	Sodium	20500	20000	103	90 - 110	P	09/25/2025	11:20	LB137314
	Thallium	3980	4000	100	90 - 110	P	09/25/2025	11:20	LB137314
	Vanadium	1940	2000	97	90 - 110	P	09/25/2025	11:20	LB137314
	Zinc	2030	2000	101	90 - 110	P	09/25/2025	11:20	LB137314

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	101	100	101	80 - 120	P	09/25/2025	11:29	LB137314
	Antimony	47.8	50.0	96	80 - 120	P	09/25/2025	11:29	LB137314
	Arsenic	22.4	20.0	112	80 - 120	P	09/25/2025	11:29	LB137314
	Barium	97.5	100	98	80 - 120	P	09/25/2025	11:29	LB137314
	Beryllium	6.21	6.0	104	80 - 120	P	09/25/2025	11:29	LB137314
	Cadmium	5.96	6.0	99	80 - 120	P	09/25/2025	11:29	LB137314
	Calcium	2040	2000	102	80 - 120	P	09/25/2025	11:29	LB137314
	Chromium	10.4	10.0	104	80 - 120	P	09/25/2025	11:29	LB137314
	Cobalt	29.2	30.0	97	80 - 120	P	09/25/2025	11:29	LB137314
	Copper	20.5	20.0	103	80 - 120	P	09/25/2025	11:29	LB137314
	Iron	108	100	108	80 - 120	P	09/25/2025	11:29	LB137314
	Lead	10.2	12.0	85	80 - 120	P	09/25/2025	11:29	LB137314
	Magnesium	2080	2000	104	80 - 120	P	09/25/2025	11:29	LB137314
	Manganese	20.6	20.0	103	80 - 120	P	09/25/2025	11:29	LB137314
	Nickel	40.1	40.0	100	80 - 120	P	09/25/2025	11:29	LB137314
	Potassium	2120	2000	106	80 - 120	P	09/25/2025	11:29	LB137314
	Selenium	21.6	20.0	108	80 - 120	P	09/25/2025	11:29	LB137314
	Silver	9.87	10.0	99	80 - 120	P	09/25/2025	11:29	LB137314
	Sodium	2010	2000	101	80 - 120	P	09/25/2025	11:29	LB137314
	Thallium	38.9	40.0	97	80 - 120	P	09/25/2025	11:29	LB137314
	Vanadium	35.4	40.0	88	80 - 120	P	09/25/2025	11:29	LB137314
	Zinc	42.4	40.0	106	80 - 120	P	09/25/2025	11:29	LB137314

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3172

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9660	10000	97	90 - 110	P	09/25/2025	12:12	LB137314
	Antimony	4930	5000	99	90 - 110	P	09/25/2025	12:12	LB137314
	Arsenic	4910	5000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Barium	9590	10000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Beryllium	235	250	94	90 - 110	P	09/25/2025	12:12	LB137314
	Cadmium	2420	2500	97	90 - 110	P	09/25/2025	12:12	LB137314
	Calcium	24000	25000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Chromium	981	1000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Cobalt	2410	2500	96	90 - 110	P	09/25/2025	12:12	LB137314
	Copper	1230	1250	98	90 - 110	P	09/25/2025	12:12	LB137314
	Iron	5010	5000	100	90 - 110	P	09/25/2025	12:12	LB137314
	Lead	4800	5000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Magnesium	23900	25000	96	90 - 110	P	09/25/2025	12:12	LB137314
	Manganese	2380	2500	95	90 - 110	P	09/25/2025	12:12	LB137314
	Nickel	2410	2500	96	90 - 110	P	09/25/2025	12:12	LB137314
	Potassium	25100	25000	100	90 - 110	P	09/25/2025	12:12	LB137314
	Selenium	4970	5000	100	90 - 110	P	09/25/2025	12:12	LB137314
	Silver	1230	1250	98	90 - 110	P	09/25/2025	12:12	LB137314
	Sodium	24600	25000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Thallium	4900	5000	98	90 - 110	P	09/25/2025	12:12	LB137314
	Vanadium	2420	2500	97	90 - 110	P	09/25/2025	12:12	LB137314
	Zinc	2490	2500	100	90 - 110	P	09/25/2025	12:12	LB137314
CCV02	Aluminum	9810	10000	98	90 - 110	P	09/25/2025	13:23	LB137314
	Antimony	5080	5000	102	90 - 110	P	09/25/2025	13:23	LB137314
	Arsenic	5030	5000	101	90 - 110	P	09/25/2025	13:23	LB137314
	Barium	9690	10000	97	90 - 110	P	09/25/2025	13:23	LB137314
	Beryllium	235	250	94	90 - 110	P	09/25/2025	13:23	LB137314
	Cadmium	2460	2500	99	90 - 110	P	09/25/2025	13:23	LB137314
	Calcium	24300	25000	97	90 - 110	P	09/25/2025	13:23	LB137314
	Chromium	1010	1000	101	90 - 110	P	09/25/2025	13:23	LB137314
	Cobalt	2460	2500	98	90 - 110	P	09/25/2025	13:23	LB137314
	Copper	1250	1250	100	90 - 110	P	09/25/2025	13:23	LB137314
	Iron	5220	5000	104	90 - 110	P	09/25/2025	13:23	LB137314
	Lead	4880	5000	98	90 - 110	P	09/25/2025	13:23	LB137314

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3172

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	09/25/2025	13:23	LB137314
	Manganese	2390	2500	96	90 - 110	P	09/25/2025	13:23	LB137314
	Nickel	2460	2500	99	90 - 110	P	09/25/2025	13:23	LB137314
	Potassium	26400	25000	106	90 - 110	P	09/25/2025	13:23	LB137314
	Selenium	5110	5000	102	90 - 110	P	09/25/2025	13:23	LB137314
	Silver	1260	1250	101	90 - 110	P	09/25/2025	13:23	LB137314
	Sodium	25200	25000	101	90 - 110	P	09/25/2025	13:23	LB137314
	Thallium	5180	5000	104	90 - 110	P	09/25/2025	13:23	LB137314
	Vanadium	2460	2500	98	90 - 110	P	09/25/2025	13:23	LB137314
	Zinc	2630	2500	105	90 - 110	P	09/25/2025	13:23	LB137314
CCV03	Aluminum	9770	10000	98	90 - 110	P	09/25/2025	14:21	LB137314
	Antimony	4990	5000	100	90 - 110	P	09/25/2025	14:21	LB137314
	Arsenic	4990	5000	100	90 - 110	P	09/25/2025	14:21	LB137314
	Barium	9550	10000	96	90 - 110	P	09/25/2025	14:21	LB137314
	Beryllium	238	250	95	90 - 110	P	09/25/2025	14:21	LB137314
	Cadmium	2440	2500	98	90 - 110	P	09/25/2025	14:21	LB137314
	Calcium	24300	25000	97	90 - 110	P	09/25/2025	14:21	LB137314
	Chromium	981	1000	98	90 - 110	P	09/25/2025	14:21	LB137314
	Cobalt	2430	2500	97	90 - 110	P	09/25/2025	14:21	LB137314
	Copper	1240	1250	99	90 - 110	P	09/25/2025	14:21	LB137314
	Iron	4990	5000	100	90 - 110	P	09/25/2025	14:21	LB137314
	Lead	4840	5000	97	90 - 110	P	09/25/2025	14:21	LB137314
	Magnesium	24100	25000	96	90 - 110	P	09/25/2025	14:21	LB137314
	Manganese	2390	2500	96	90 - 110	P	09/25/2025	14:21	LB137314
	Nickel	2440	2500	98	90 - 110	P	09/25/2025	14:21	LB137314
	Potassium	26100	25000	104	90 - 110	P	09/25/2025	14:21	LB137314
	Selenium	5080	5000	102	90 - 110	P	09/25/2025	14:21	LB137314
	Silver	1220	1250	98	90 - 110	P	09/25/2025	14:21	LB137314
	Sodium	24200	25000	97	90 - 110	P	09/25/2025	14:21	LB137314
	Thallium	5040	5000	101	90 - 110	P	09/25/2025	14:21	LB137314
	Vanadium	2460	2500	98	90 - 110	P	09/25/2025	14:21	LB137314
	Zinc	2470	2500	99	90 - 110	P	09/25/2025	14:21	LB137314
CCV04	Aluminum	9860	10000	99	90 - 110	P	09/25/2025	15:16	LB137314
	Antimony	4980	5000	100	90 - 110	P	09/25/2025	15:16	LB137314

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3172

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4950	5000	99	90 - 110	P	09/25/2025	15:16	LB137314
	Barium	9580	10000	96	90 - 110	P	09/25/2025	15:16	LB137314
	Beryllium	240	250	96	90 - 110	P	09/25/2025	15:16	LB137314
	Cadmium	2440	2500	98	90 - 110	P	09/25/2025	15:16	LB137314
	Calcium	24400	25000	98	90 - 110	P	09/25/2025	15:16	LB137314
	Chromium	999	1000	100	90 - 110	P	09/25/2025	15:16	LB137314
	Cobalt	2430	2500	97	90 - 110	P	09/25/2025	15:16	LB137314
	Copper	1240	1250	99	90 - 110	P	09/25/2025	15:16	LB137314
	Iron	4980	5000	100	90 - 110	P	09/25/2025	15:16	LB137314
	Lead	4830	5000	97	90 - 110	P	09/25/2025	15:16	LB137314
	Magnesium	24300	25000	97	90 - 110	P	09/25/2025	15:16	LB137314
	Manganese	2380	2500	95	90 - 110	P	09/25/2025	15:16	LB137314
	Nickel	2440	2500	98	90 - 110	P	09/25/2025	15:16	LB137314
	Potassium	25200	25000	101	90 - 110	P	09/25/2025	15:16	LB137314
	Selenium	5040	5000	101	90 - 110	P	09/25/2025	15:16	LB137314
	Silver	1230	1250	99	90 - 110	P	09/25/2025	15:16	LB137314
	Sodium	23800	25000	95	90 - 110	P	09/25/2025	15:16	LB137314
	Thallium	5190	5000	104	90 - 110	P	09/25/2025	15:16	LB137314
	Vanadium	2480	2500	99	90 - 110	P	09/25/2025	15:16	LB137314
	Zinc	2510	2500	100	90 - 110	P	09/25/2025	15:16	LB137314
CCV05	Aluminum	10100	10000	101	90 - 110	P	09/25/2025	16:16	LB137314
	Antimony	5180	5000	104	90 - 110	P	09/25/2025	16:16	LB137314
	Arsenic	5170	5000	103	90 - 110	P	09/25/2025	16:16	LB137314
	Barium	9750	10000	98	90 - 110	P	09/25/2025	16:16	LB137314
	Beryllium	247	250	99	90 - 110	P	09/25/2025	16:16	LB137314
	Cadmium	2520	2500	101	90 - 110	P	09/25/2025	16:16	LB137314
	Calcium	25200	25000	101	90 - 110	P	09/25/2025	16:16	LB137314
	Chromium	1040	1000	104	90 - 110	P	09/25/2025	16:16	LB137314
	Cobalt	2510	2500	100	90 - 110	P	09/25/2025	16:16	LB137314
	Copper	1290	1250	103	90 - 110	P	09/25/2025	16:16	LB137314
	Iron	5350	5000	107	90 - 110	P	09/25/2025	16:16	LB137314
	Lead	4990	5000	100	90 - 110	P	09/25/2025	16:16	LB137314
	Magnesium	25000	25000	100	90 - 110	P	09/25/2025	16:16	LB137314
	Manganese	2480	2500	99	90 - 110	P	09/25/2025	16:16	LB137314

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3172

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2520	2500	101	90 - 110	P	09/25/2025	16:16	LB137314
	Potassium	26600	25000	106	90 - 110	P	09/25/2025	16:16	LB137314
	Selenium	5280	5000	106	90 - 110	P	09/25/2025	16:16	LB137314
	Silver	1290	1250	103	90 - 110	P	09/25/2025	16:16	LB137314
	Sodium	25300	25000	101	90 - 110	P	09/25/2025	16:16	LB137314
	Thallium	5380	5000	108	90 - 110	P	09/25/2025	16:16	LB137314
	Vanadium	2560	2500	102	90 - 110	P	09/25/2025	16:16	LB137314
	Zinc	2640	2500	106	90 - 110	P	09/25/2025	16:16	LB137314
CCV06	Aluminum	10200	10000	102	90 - 110	P	09/25/2025	17:27	LB137314
	Antimony	5060	5000	101	90 - 110	P	09/25/2025	17:27	LB137314
	Arsenic	5030	5000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Barium	9990	10000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Beryllium	245	250	98	90 - 110	P	09/25/2025	17:27	LB137314
	Cadmium	2470	2500	99	90 - 110	P	09/25/2025	17:27	LB137314
	Calcium	25200	25000	101	90 - 110	P	09/25/2025	17:27	LB137314
	Chromium	1000	1000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Cobalt	2460	2500	98	90 - 110	P	09/25/2025	17:27	LB137314
	Copper	1260	1250	101	90 - 110	P	09/25/2025	17:27	LB137314
	Iron	5030	5000	100	90 - 110	P	09/25/2025	17:27	LB137314
	Lead	4880	5000	98	90 - 110	P	09/25/2025	17:27	LB137314
	Magnesium	25300	25000	101	90 - 110	P	09/25/2025	17:27	LB137314
	Manganese	2500	2500	100	90 - 110	P	09/25/2025	17:27	LB137314
	Nickel	2460	2500	99	90 - 110	P	09/25/2025	17:27	LB137314
	Potassium	26300	25000	105	90 - 110	P	09/25/2025	17:27	LB137314
	Selenium	5110	5000	102	90 - 110	P	09/25/2025	17:27	LB137314
	Silver	1240	1250	99	90 - 110	P	09/25/2025	17:27	LB137314
	Sodium	24800	25000	99	90 - 110	P	09/25/2025	17:27	LB137314
	Thallium	5260	5000	105	90 - 110	P	09/25/2025	17:27	LB137314
	Vanadium	2570	2500	103	90 - 110	P	09/25/2025	17:27	LB137314
	Zinc	2520	2500	101	90 - 110	P	09/25/2025	17:27	LB137314
CCV07	Aluminum	10100	10000	101	90 - 110	P	09/25/2025	17:40	LB137314
	Antimony	5170	5000	103	90 - 110	P	09/25/2025	17:40	LB137314
	Arsenic	5120	5000	102	90 - 110	P	09/25/2025	17:40	LB137314
	Barium	9780	10000	98	90 - 110	P	09/25/2025	17:40	LB137314

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	244	250	98	90 - 110	P	09/25/2025	17:40	LB137314
	Cadmium	2520	2500	101	90 - 110	P	09/25/2025	17:40	LB137314
	Calcium	24900	25000	100	90 - 110	P	09/25/2025	17:40	LB137314
	Chromium	1040	1000	104	90 - 110	P	09/25/2025	17:40	LB137314
	Cobalt	2510	2500	100	90 - 110	P	09/25/2025	17:40	LB137314
	Copper	1280	1250	103	90 - 110	P	09/25/2025	17:40	LB137314
	Iron	5170	5000	103	90 - 110	P	09/25/2025	17:40	LB137314
	Lead	4980	5000	100	90 - 110	P	09/25/2025	17:40	LB137314
	Magnesium	24900	25000	100	90 - 110	P	09/25/2025	17:40	LB137314
	Manganese	2440	2500	98	90 - 110	P	09/25/2025	17:40	LB137314
	Nickel	2520	2500	101	90 - 110	P	09/25/2025	17:40	LB137314
	Potassium	26100	25000	104	90 - 110	P	09/25/2025	17:40	LB137314
	Selenium	5210	5000	104	90 - 110	P	09/25/2025	17:40	LB137314
	Silver	1280	1250	102	90 - 110	P	09/25/2025	17:40	LB137314
	Sodium	24300	25000	97	90 - 110	P	09/25/2025	17:40	LB137314
	Thallium	5360	5000	107	90 - 110	P	09/25/2025	17:40	LB137314
	Vanadium	2530	2500	101	90 - 110	P	09/25/2025	17:40	LB137314
	Zinc	2590	2500	104	90 - 110	P	09/25/2025	17:40	LB137314

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	122	100	122	65 - 135	P	09/25/2025	11:38	LB137314
	Antimony	54.2	50.0	108	65 - 135	P	09/25/2025	11:38	LB137314
	Arsenic	21.8	20.0	109	65 - 135	P	09/25/2025	11:38	LB137314
	Barium	105	100	105	65 - 135	P	09/25/2025	11:38	LB137314
	Beryllium	6.51	6.0	108	65 - 135	P	09/25/2025	11:38	LB137314
	Cadmium	6.34	6.0	106	65 - 135	P	09/25/2025	11:38	LB137314
	Calcium	2180	2000	109	65 - 135	P	09/25/2025	11:38	LB137314
	Chromium	10.7	10.0	107	65 - 135	P	09/25/2025	11:38	LB137314
	Cobalt	31.5	30.0	105	65 - 135	P	09/25/2025	11:38	LB137314
	Copper	22.6	20.0	113	65 - 135	P	09/25/2025	11:38	LB137314
	Iron	114	100	114	65 - 135	P	09/25/2025	11:38	LB137314
	Lead	11.4	12.0	95	65 - 135	P	09/25/2025	11:38	LB137314
	Magnesium	2190	2000	110	65 - 135	P	09/25/2025	11:38	LB137314
	Manganese	22.6	20.0	113	65 - 135	P	09/25/2025	11:38	LB137314
	Nickel	42.9	40.0	107	65 - 135	P	09/25/2025	11:38	LB137314
	Potassium	2140	2000	107	65 - 135	P	09/25/2025	11:38	LB137314
	Selenium	25.2	20.0	126	65 - 135	P	09/25/2025	11:38	LB137314
	Silver	11.0	10.0	110	65 - 135	P	09/25/2025	11:38	LB137314
	Sodium	2140	2000	107	65 - 135	P	09/25/2025	11:38	LB137314
	Thallium	42.8	40.0	107	65 - 135	P	09/25/2025	11:38	LB137314
	Vanadium	36.1	40.0	90	65 - 135	P	09/25/2025	11:38	LB137314
	Zinc	44.8	40.0	112	65 - 135	P	09/25/2025	11:38	LB137314
CRA	Mercury	0.17	0.2	87	70 - 130	CV	09/29/2025	10:56	LB137343

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q3172</u>
Contract: <u>GENV01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	283000	255000	111	216000	294000	09/25/2025	11:42	LB137314
	Antimony	-3.99			-50	50	09/25/2025	11:42	LB137314
	Arsenic	3.12			-20	20	09/25/2025	11:42	LB137314
	Barium	1.85	6.0	31	-94	106	09/25/2025	11:42	LB137314
	Beryllium	2.29			-6	6	09/25/2025	11:42	LB137314
	Cadmium	1.36	1.0	136	-5	7	09/25/2025	11:42	LB137314
	Calcium	268000	245000	109	208000	282000	09/25/2025	11:42	LB137314
	Chromium	51.7	52.0	99	42	62	09/25/2025	11:42	LB137314
	Cobalt	1.04			-30	30	09/25/2025	11:42	LB137314
	Copper	13.1	2.0	655	-18	22	09/25/2025	11:42	LB137314
	Iron	114000	101000	113	85600	116500	09/25/2025	11:42	LB137314
	Lead	-7.23			-12	12	09/25/2025	11:42	LB137314
	Magnesium	284000	255000	111	216000	294000	09/25/2025	11:42	LB137314
	Manganese	6.88	7.0	98	-13	27	09/25/2025	11:42	LB137314
	Nickel	3.09	2.0	154	-38	42	09/25/2025	11:42	LB137314
	Potassium	81.6			0	0	09/25/2025	11:42	LB137314
	Selenium	10.6			-20	20	09/25/2025	11:42	LB137314
	Silver	-2.79			-10	10	09/25/2025	11:42	LB137314
	Sodium	-1.08			0	0	09/25/2025	11:42	LB137314
	Thallium	0.46			-40	40	09/25/2025	11:42	LB137314
	Vanadium	2.04			-40	40	09/25/2025	11:42	LB137314
	Zinc	1.46			-40	40	09/25/2025	11:42	LB137314
ICSAB01	Aluminum	251000	247000	102	209000	285000	09/25/2025	11:46	LB137314
	Antimony	639	618	103	525	711	09/25/2025	11:46	LB137314
	Arsenic	112	104	108	88.4	120	09/25/2025	11:46	LB137314
	Barium	497	537	93	437	637	09/25/2025	11:46	LB137314
	Beryllium	512	495	103	420	570	09/25/2025	11:46	LB137314
	Cadmium	1030	972	106	826	1120	09/25/2025	11:46	LB137314
	Calcium	237000	235000	101	199000	271000	09/25/2025	11:46	LB137314
	Chromium	576	542	106	460	624	09/25/2025	11:46	LB137314
	Cobalt	514	476	108	404	548	09/25/2025	11:46	LB137314
	Copper	511	511	100	434	588	09/25/2025	11:46	LB137314
	Iron	104000	99300	105	84400	114500	09/25/2025	11:46	LB137314
	Lead	41.9	49.0	86	37	61	09/25/2025	11:46	LB137314
	Magnesium	251000	248000	101	210000	286000	09/25/2025	11:46	LB137314
	Manganese	495	507	98	430	584	09/25/2025	11:46	LB137314
	Nickel	1030	954	108	810	1100	09/25/2025	11:46	LB137314
	Potassium	14.4			0	0	09/25/2025	11:46	LB137314
	Selenium	60.7	46.0	132	26	66	09/25/2025	11:46	LB137314
	Silver	220	201	110	170	232	09/25/2025	11:46	LB137314
	Sodium	35.3			0	0	09/25/2025	11:46	LB137314
	Thallium	115	108	106	68	148	09/25/2025	11:46	LB137314

Metals

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INTERFERENCE CHECK SAMPLE

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	489	491	100	417	565	09/25/2025	11:46	LB137314
	Zinc	1090	952	114	809	1095	09/25/2025	11:46	LB137314



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3172</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3168-05</u>	client id: <u>TOTES COMP#1MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3168-05MS</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	1520		628		1000	89		P
Antimony	ug/L	75 - 125	385		25.0	U	400	96		P
Arsenic	ug/L	75 - 125	387		10.0	U	400	97		P
Barium	ug/L	75 - 125	108		15.5	J	100	92		P
Beryllium	ug/L	75 - 125	91.7		3.00	U	100	92		P
Cadmium	ug/L	75 - 125	91.9		3.00	U	100	92		P
Calcium	ug/L	75 - 125	31900		27600		500	853		P
Chromium	ug/L	75 - 125	203		1.92	J	200	101		P
Cobalt	ug/L	75 - 125	94.3		15.0	U	100	94		P
Copper	ug/L	75 - 125	157		12.4		150	97		P
Iron	ug/L	75 - 125	3190		1670		1500	102		P
Lead	ug/L	75 - 125	466		12.9		500	91		P
Magnesium	ug/L	75 - 125	2020		1000		1000	102		P
Manganese	ug/L	75 - 125	143		46.1		100	97		P
Nickel	ug/L	75 - 125	236		1.67	J	250	94		P
Potassium	ug/L	75 - 125	7220		1940		5000	106		P
Selenium	ug/L	75 - 125	960		10.0	U	1000	96		P
Silver	ug/L	75 - 125	33.6		5.00	U	37.5	90		P
Sodium	ug/L	75 - 125	5960		3870		1500	139	N	P
Thallium	ug/L	75 - 125	988		20.0	U	1000	99		P
Vanadium	ug/L	75 - 125	144		20.0	U	150	96		P
Zinc	ug/L	75 - 125	503		355		100	148	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172
contract: GENV01 **lab code:** ACE
matrix: Water **sample id:** Q3168-05 **client id:** TOTES COMP#1MSD
Percent Solids for Sample: NA **Spiked ID:** Q3168-05MSD **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	1480		628		1000	85		P
Antimony	ug/L	75 - 125	395		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	377		10.0	U	400	94		P
Barium	ug/L	75 - 125	108		15.5	J	100	93		P
Beryllium	ug/L	75 - 125	89.8		3.00	U	100	90		P
Cadmium	ug/L	75 - 125	89.0		3.00	U	100	89		P
Calcium	ug/L	75 - 125	30300		27600		500	536		P
Chromium	ug/L	75 - 125	196		1.92	J	200	97		P
Cobalt	ug/L	75 - 125	91.5		15.0	U	100	92		P
Copper	ug/L	75 - 125	152		12.4		150	93		P
Iron	ug/L	75 - 125	3020		1670		1500	90		P
Lead	ug/L	75 - 125	451		12.9		500	88		P
Magnesium	ug/L	75 - 125	1970		1000		1000	97		P
Manganese	ug/L	75 - 125	141		46.1		100	95		P
Nickel	ug/L	75 - 125	228		1.67	J	250	91		P
Potassium	ug/L	75 - 125	6900		1940		5000	99		P
Selenium	ug/L	75 - 125	935		10.0	U	1000	94		P
Silver	ug/L	75 - 125	31.7		5.00	U	37.5	84		P
Sodium	ug/L	75 - 125	5840		3870		1500	131	N	P
Thallium	ug/L	75 - 125	970		20.0	U	1000	97		P
Vanadium	ug/L	75 - 125	145		20.0	U	150	97		P
Zinc	ug/L	75 - 125	468		355		100	113		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3172</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3205-01</u>	client id: <u>TRE-25-0106MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3205-01MS</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
Mercury	ug/L	75 - 125	3.87		0.085	J	4.0	95		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3172
contract: GENV01 **lab code:** ACE
matrix: Water **sample id:** Q3205-01 **client id:** TRE-25-0106MSD

Percent Solids for Sample: NA **Spiked ID:** Q3205-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.02		0.085	J	4.0	98		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q3172</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q3168-05</u>	Client ID:	<u>TOTES COMP#1A</u>
	Spiked ID:	<u>Q3168-05A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	5390		3870		1500	101		P
Zinc	ug/L	75 - 125	448		355		100	93		P

A
B
C
D
E
F
G
H
I
J

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3172
Contract: GENV01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3168-05 **Client ID:** TOTES COMP#1DUP
Percent Solids for Sample: NA **Duplicate ID** Q3168-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	628		576		9		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	15.5	J	19.1	J	21		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	27600		31500		13		P
Chromium	ug/L	20	1.92	J	1.86	J	3		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	12.4		12.1		2		P
Iron	ug/L	20	1670		1740		4		P
Lead	ug/L	20	12.9		13.7		6		P
Magnesium	ug/L	20	1000		1130		12		P
Manganese	ug/L	20	46.1		52.1		12		P
Nickel	ug/L	20	1.67	J	1.63	J	2		P
Potassium	ug/L	20	1940		2190		12		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	3870		4520		15		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	355		396		11		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3172
Contract: GENV01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3168-05MS **Client ID:** TOTES COMP#1MSD
Percent Solids for Sample: NA **Duplicate ID** Q3168-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1520		1480		3		P
Antimony	ug/L	20	385		395		3		P
Arsenic	ug/L	20	387		377		3		P
Barium	ug/L	20	108		108		0		P
Beryllium	ug/L	20	91.7		89.8		2		P
Cadmium	ug/L	20	91.9		89.0		3		P
Calcium	ug/L	20	31900		30300		5		P
Chromium	ug/L	20	203		196		4		P
Cobalt	ug/L	20	94.3		91.5		3		P
Copper	ug/L	20	157		152		3		P
Iron	ug/L	20	3190		3020		5		P
Lead	ug/L	20	466		451		3		P
Magnesium	ug/L	20	2020		1970		3		P
Manganese	ug/L	20	143		141		1		P
Nickel	ug/L	20	236		228		3		P
Potassium	ug/L	20	7220		6900		5		P
Selenium	ug/L	20	960		935		3		P
Silver	ug/L	20	33.6		31.7		6		P
Sodium	ug/L	20	5960		5840		2		P
Thallium	ug/L	20	988		970		2		P
Vanadium	ug/L	20	144		145		1		P
Zinc	ug/L	20	503		468		7		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3172</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3205-01</u>	Client ID:	<u>TRE-25-0106DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3205-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.085	J	0.20	U	200.0		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3172</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3205-01MS</u>	Client ID:	<u>TRE-25-0106MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3205-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.87		4.02		4		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q3172</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169812BS							
Aluminum	ug/L	1000	933		93	80 - 120	P
Antimony	ug/L	400	391		98	80 - 120	P
Arsenic	ug/L	400	376		94	80 - 120	P
Barium	ug/L	100	87.3		87	80 - 120	P
Beryllium	ug/L	100	94.6		95	80 - 120	P
Cadmium	ug/L	100	91.9		92	80 - 120	P
Calcium	ug/L	500	469	J	94	80 - 120	P
Chromium	ug/L	200	193		96	80 - 120	P
Cobalt	ug/L	100	92.3		92	80 - 120	P
Copper	ug/L	150	146		97	80 - 120	P
Iron	ug/L	1500	1440		96	80 - 120	P
Lead	ug/L	500	453		91	80 - 120	P
Magnesium	ug/L	1000	931	J	93	80 - 120	P
Manganese	ug/L	100	91.9		92	80 - 120	P
Nickel	ug/L	250	232		93	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	967		97	80 - 120	P
Silver	ug/L	37.5	34.4		92	80 - 120	P
Sodium	ug/L	1500	1400		93	80 - 120	P
Thallium	ug/L	1000	954		95	80 - 120	P
Vanadium	ug/L	150	139		93	80 - 120	P
Zinc	ug/L	100	98.6		99	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169872BS Mercury	ug/L	4.0	3.59		90	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TOTES COMP#1L

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb137314 **Lab Sample ID :** Q3168-05L **SDG No.:** Q3172
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Aluminum	628		695		11		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	15.5	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	27600		30100		9		P
Chromium	1.92	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	12.4		11.7	J	6		P
Iron	1670		1840		10		P
Lead	12.9		9.54	J	26		P
Magnesium	1000		1120	J	12		P
Manganese	46.1		48.6	J	5		P
Nickel	1.67	J	100	U	100.0		P
Potassium	1940		2930	J	51		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	3870		5350		38		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	355		369		4		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TRE-25-0106L

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb137343 **Lab Sample ID :** Q3205-01L **SDG No.:** Q3172
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	0.085 J	1.00 U	100.0		CV

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3172

Instrument id number: _____

Method: _____

Run number: LB137314

Start date: 09/25/2025

End date: 09/25/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1055	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	1100	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	1104	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	1108	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	1112	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	1116	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	1120	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	1129	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	1133	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	1138	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	1142	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	1146	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	1212	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	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169812BL	PB169812BL	1	1302	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169812BS	PB169812BS	1	1307	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	1323	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	1327	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3172-01	FW7D	1	1417	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	1421	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	1430	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3172-02	FW6D	1	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05DUP	TOTES COMP#1DUP	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05L	TOTES COMP#1L	5	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05MS	TOTES COMP#1MS	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05MSD	TOTES COMP#1MSD	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3168-05A	TOTES COMP#1A	1	1500	Na,Zn
CCV04	CCV04	1	1516	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	1520	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	1616	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	1620	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	1727	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	1731	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	1740	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	1744	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: ACE

Sdg no.: Q3172

Instrument id number: _____

Method: _____

Run number: LB137343

Start date: 09/29/2025

End date: 09/29/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1029	HG
S0.2	S0.2	1	1031	HG
S2.5	S2.5	1	1034	HG
S5	S5	1	1036	HG
S7.5	S7.5	1	1038	HG
S10	S10	1	1041	HG
ICV50	ICV50	1	1044	HG
ICB50	ICB50	1	1046	HG
CCV51	CCV51	1	1049	HG
CCB51	CCB51	1	1051	HG
CRA	CRA	1	1056	HG
CCV52	CCV52	1	1122	HG
CCB52	CCB52	1	1124	HG
CCV53	CCV53	1	1151	HG
CCB53	CCB53	1	1153	HG
CCV54	CCV54	1	1218	HG
CCB54	CCB54	1	1220	HG
PB169872BL	PB169872BL	1	1227	HG
PB169872BS	PB169872BS	1	1230	HG
Q3172-01	FW7D	1	1237	HG
Q3172-02	FW6D	1	1240	HG
Q3205-01DUP	TRE-25-0106DUP	1	1244	HG
Q3205-01MS	TRE-25-0106MS	1	1251	HG
CCV55	CCV55	1	1253	HG
CCB55	CCB55	1	1256	HG
Q3205-01MSD	TRE-25-0106MSD	1	1258	HG
Q3205-01L	TRE-25-0106L	5	1317	HG
CCV56	CCV56	1	1322	HG
CCB56	CCB56	1	1324	HG
CCV57	CCV57	1	1336	HG
CCB57	CCB57	1	1338	HG



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
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.: Q3172

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
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.: Q3172

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
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:	Q3172	OrderDate:	9/24/2025 9:00:00 AM
Client:	G Environmental	Project:	Amsterdam
Contact:	Gary Landis	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3172-01	FW7D	Water			09/22/25			09/23/25
			Mercury	7470A		09/26/25	09/29/25	
			Metals ICP-TAL	6010D		09/24/25	09/25/25	
Q3172-02	FW6D	Water			09/22/25			09/23/25
			Mercury	7470A		09/26/25	09/29/25	
			Metals ICP-TAL	6010D		09/24/25	09/25/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169812							
PB169812BL	PB169812BL	MB	WATER	09/24/2025	50.0	25.0	
PB169812BS	PB169812BS	LCS	WATER	09/24/2025	50.0	25.0	
Q3168-05DUP	TOTES COMP#1DUP	DUP	WATER	09/24/2025	50.0	25.0	
Q3168-05MS	TOTES COMP#1MS	MS	WATER	09/24/2025	50.0	25.0	
Q3168-05MSD	TOTES COMP#1MSD	MSD	WATER	09/24/2025	50.0	25.0	
Q3172-01	FW7D	SAM	WATER	09/24/2025	50.0	25.0	
Q3172-02	FW6D	SAM	WATER	09/24/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169872							
PB169872BL	PB169872BL	MB	WATER	09/26/2025	30.0	30.0	
PB169872BS	PB169872BS	LCS	WATER	09/26/2025	30.0	30.0	
Q3172-01	FW7D	SAM	WATER	09/26/2025	30.0	30.0	
Q3172-02	FW6D	SAM	WATER	09/26/2025	30.0	30.0	
Q3205-01DUP	TRE-25-0106DUP	DUP	WATER	09/26/2025	30.0	30.0	
Q3205-01MS	TRE-25-0106MS	MS	WATER	09/26/2025	30.0	30.0	
Q3205-01MSD	TRE-25-0106MSD	MSD	WATER	09/26/2025	30.0	30.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	09/25/25 10:55		Jaswal	OK
2	S1	S1	CAL2	09/25/25 11:00		Jaswal	OK
3	S2	S2	CAL3	09/25/25 11:04		Jaswal	OK
4	S3	S3	CAL4	09/25/25 11:08		Jaswal	OK
5	S4	S4	CAL5	09/25/25 11:12		Jaswal	OK
6	S5	S5	CAL6	09/25/25 11:16		Jaswal	OK
7	ICV01	ICV01	ICV	09/25/25 11:20		Jaswal	OK
8	LLICV01	LLICV01	LLICV	09/25/25 11:29		Jaswal	OK
9	ICB01	ICB01	ICB	09/25/25 11:33		Jaswal	OK
10	CRI01	CRI01	CRDL	09/25/25 11:38		Jaswal	OK
11	ICSA01	ICSA01	ICSA	09/25/25 11:42		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	09/25/25 11:46		Jaswal	OK
13	ICSADL	ICSADL	ICSA	09/25/25 11:50		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	09/25/25 12:00		Jaswal	OK
15	CCV01	CCV01	CCV	09/25/25 12:12		Jaswal	OK
16	CCB01	CCB01	CCB	09/25/25 12:17		Jaswal	OK
17	LR-2	LR-2	HIGH STD	09/25/25 12:40		Jaswal	OK
18	LR-3	LR-3	HIGH STD	09/25/25 12:44		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

19	PB169800BL	PB169800BL	MB	09/25/25 12:54		Jaswal	OK
20	PB169800BS	PB169800BS	LCS	09/25/25 12:58		Jaswal	OK
21	PB169812BL	PB169812BL	MB	09/25/25 13:02		Jaswal	OK
22	PB169812BS	PB169812BS	LCS	09/25/25 13:07		Jaswal	OK
23	LR-1	LR-1	HIGH STD	09/25/25 13:11		Jaswal	OK
24	Q3187-01	228	SAM	09/25/25 13:15		Jaswal	OK
25	Q3188-02	RB22120	SAM	09/25/25 13:19		Jaswal	OK
26	CCV02	CCV02	CCV	09/25/25 13:23		Jaswal	OK
27	CCB02	CCB02	CCB	09/25/25 13:27		Jaswal	OK
28	PB169833BL	PB169833BL	MB	09/25/25 13:32		Jaswal	OK
29	PB169833BS	PB169833BS	LCS	09/25/25 13:36		Jaswal	OK
30	Q3125-02	Comp	SAM	09/25/25 13:40		Jaswal	OK
31	Q3125-02DUP	CompDUP	DUP	09/25/25 13:44		Jaswal	OK
32	Q3125-02L	CompL	SD	09/25/25 13:49		Jaswal	OK
33	Q3125-02MS	CompMS	MS	09/25/25 13:53		Jaswal	OK
34	Q3125-02MSD	CompMSD	MSD	09/25/25 13:57		Jaswal	OK
35	Q3125-02A	CompA	PS	09/25/25 14:08	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK
36	Q3168-06	TOTES COMP#2	SAM	09/25/25 14:13	Confirm wt/vol	Jaswal	OK
37	Q3172-01	FW7D	SAM	09/25/25 14:17		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

38	CCV03	CCV03	CCV	09/25/25 14:21		Jaswal	OK
39	CCB03	CCB03	CCB	09/25/25 14:30		Jaswal	OK
40	Q3172-02	FW6D	SAM	09/25/25 14:35		Jaswal	OK
41	Q3168-05	TOTES COMP#1	SAM	09/25/25 14:39		Jaswal	OK
42	Q3168-05DUP	TOTES COMP#1DUP	DUP	09/25/25 14:43		Jaswal	OK
43	Q3168-05L	TOTES COMP#1L	SD	09/25/25 14:47		Jaswal	OK
44	Q3168-05MS	TOTES COMP#1MS	MS	09/25/25 14:52		Jaswal	OK
45	Q3168-05MSD	TOTES COMP#1MSD	MSD	09/25/25 14:56		Jaswal	OK
46	Q3168-05A	TOTES COMP1A	PS	09/25/25 15:00	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK
47	Q3189-01	72-11989	SAM	09/25/25 15:04		Jaswal	OK
48	Q3176-01	EME-TS12-01	SAM	09/25/25 15:08		Jaswal	OK
49	Q3176-02	EME-TS13-01	SAM	09/25/25 15:12		Jaswal	OK
50	CCV04	CCV04	CCV	09/25/25 15:16		Jaswal	OK
51	CCB04	CCB04	CCB	09/25/25 15:20		Jaswal	OK
52	Q3176-03	EME-TS14-02	SAM	09/25/25 15:24		Jaswal	OK
53	Q3178-01	EME-TS14-01	SAM	09/25/25 15:28		Jaswal	OK
54	Q3178-02	EME-TS14-01MS	MS	09/25/25 15:40		Jaswal	OK
55	Q3178-03	EME-TS14-01MSD	MSD	09/25/25 15:44		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

56	Q3178-01A	EME-TS14-01A	PS	09/25/25 15:48	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK
57	Q3183-01	WC-1	SAM	09/25/25 15:52		Jaswal	OK
58	Q3183-04	WC-4	SAM	09/25/25 15:56		Jaswal	OK
59	Q3183-07	WC-3	SAM	09/25/25 16:00		Jaswal	OK
60	Q3178-01DUP	EME-TS14-01DUP	DUP	09/25/25 16:07		Jaswal	OK
61	Q3178-01L	EME-TS14-01L	SD	09/25/25 16:11		Jaswal	OK
62	CCV05	CCV05	CCV	09/25/25 16:16		Jaswal	OK
63	CCB05	CCB05	CCB	09/25/25 16:20		Jaswal	OK
64	PB169832BL	PB169832BL	MB	09/25/25 16:29		Jaswal	OK
65	PB169832BS	PB169832BS	LCS	09/25/25 16:43		Jaswal	OK
66	PB169754TB	PB169754TB	MB	09/25/25 16:47		Jaswal	OK
67	PB169816TB	PB169816TB	MB	09/25/25 16:52		Jaswal	OK
68	Q3168-04	ARS20-0010-Oily Soil	SAM	09/25/25 16:56		Jaswal	OK
69	Q3168-04DUP	ARS20-0010-Oily Soil	DUP	09/25/25 17:01		Jaswal	OK
70	Q3168-04L	ARS20-0010-Oily Soil	SD	09/25/25 17:05		Jaswal	OK
71	Q3168-04MS	ARS20-0010-Oily Soil	MS	09/25/25 17:09		Jaswal	OK
72	Q3168-04MSD	ARS20-0010-Oily Soil	MSD	09/25/25 17:13		Jaswal	OK
73	Q3168-04A	ARS20-0010-Oily Soil	PS	09/25/25 17:23	0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE.	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137314

Review By	Janvi	Review On	9/26/2025 3:50:56 PM
Supervise By	jaswal	Supervise On	9/29/2025 8:59:26 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

74	CCV06	CCV06	CCV	09/25/25 17:27		Jaswal	OK
75	CCB06	CCB06	CCB	09/25/25 17:31		Jaswal	OK
76	Q3170-02DL	MOD-25-0271DL	SAM	09/25/25 17:35	Confirm wt/vol & Straight 5x Dilution for all elements	Jaswal	OK
77	CCV07	CCV07	CCV	09/25/25 17:40		Jaswal	OK
78	CCB07	CCB07	CCB	09/25/25 17:44		Jaswal	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377		
ICV Standard	MP87378		
CCV Standard	MP87380		
ICSA Standard			
CRI Standard	MP87382		
LCS Standard			
Chk Standard	MP87379,MP87381,MP87383,MP87385		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	09/29/25 10:29		mohan	OK
2	S0.2	S0.2	CAL2	09/29/25 10:31		mohan	OK
3	S2.5	S2.5	CAL3	09/29/25 10:34		mohan	OK
4	S5	S5	CAL4	09/29/25 10:36		mohan	OK
5	S7.5	S7.5	CAL5	09/29/25 10:38		mohan	OK
6	S10	S10	CAL6	09/29/25 10:41		mohan	OK
7	ICV50	ICV50	ICV	09/29/25 10:44		mohan	OK
8	ICB50	ICB50	ICB	09/29/25 10:46		mohan	OK
9	CCV51	CCV51	CCV	09/29/25 10:49		mohan	OK
10	CCB51	CCB51	CCB	09/29/25 10:51		mohan	OK
11	CRA	CRA	CRDL	09/29/25 10:56		mohan	OK
12	HighStd	HighStd	HIGH STD	09/29/25 10:58		mohan	OK
13	ChkStd	ChkStd	SAM	09/29/25 11:00		mohan	OK
14	PB169867BL	PB169867BL	MB	09/29/25 11:03		mohan	OK
15	PB169867BS	PB169867BS	LCS	09/29/25 11:08		mohan	OK
16	Q3181-03	WC-A3-01-C	SAM	09/29/25 11:10		mohan	OK
17	Q3181-07	WC-A3-02-C	SAM	09/29/25 11:13		mohan	OK
18	Q3181-11	WC-A3-03-C	SAM	09/29/25 11:15		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377		
ICV Standard	MP87378		
CCV Standard	MP87380		
ICSA Standard			
CRI Standard	MP87382		
LCS Standard			
Chk Standard	MP87379,MP87381,MP87383,MP87385		

19	Q3183-10	WC-1	SAM	09/29/25 11:17		mohan	OK
20	Q3183-11	WC-4	SAM	09/29/25 11:19		mohan	OK
21	CCV52	CCV52	CCV	09/29/25 11:22		mohan	OK
22	CCB52	CCB52	CCB	09/29/25 11:24		mohan	OK
23	Q3183-12	WC-3	SAM	09/29/25 11:26		mohan	OK
24	Q3188-05	4135	SAM	09/29/25 11:29		mohan	OK
25	Q3191-01	459	SAM	09/29/25 11:31		mohan	OK
26	Q3196-01	FMC-9-24-25-1	SAM	09/29/25 11:33		mohan	OK
27	Q3196-02	FMC-9-24-25-2	SAM	09/29/25 11:36		mohan	OK
28	Q3196-03	FMC-9-24-25-3	SAM	09/29/25 11:39		mohan	OK
29	Q3196-04	FMC-9-24-25-4	SAM	09/29/25 11:42		mohan	OK
30	Q3196-05	FMC-9-24-25-5	SAM	09/29/25 11:44		mohan	OK
31	Q3208-06	SU-ESM-COMP-01	SAM	09/29/25 11:46		mohan	OK
32	Q3208-12	SU-ESM-COMP-02	SAM	09/29/25 11:48		mohan	OK
33	CCV53	CCV53	CCV	09/29/25 11:51		mohan	OK
34	CCB53	CCB53	CCB	09/29/25 11:53		mohan	OK
35	Q3208-12DUP	SU-ESM-COMP-02DUP	DUP	09/29/25 11:55		mohan	OK
36	Q3208-12MS	SU-ESM-COMP-02MS	MS	09/29/25 11:57		mohan	OK
37	Q3208-12MSD	SU-ESM-COMP-02MSD	MSD	09/29/25 12:00		mohan	OK
38	PB169868BL	PB169868BL	MB	09/29/25 12:02		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377		
ICV Standard	MP87378		
CCV Standard	MP87380		
ICSA Standard			
CRI Standard	MP87382		
LCS Standard			
Chk Standard	MP87379,MP87381,MP87383,MP87385		

39	PB169868BS	PB169868BS	LCS	09/29/25 12:04		mohan	OK
40	Q3196-06	TOTE-FMC-9-24-25-1	SAM	09/29/25 12:07		mohan	OK
41	Q3196-07	TOTE-FMC-9-24-25-2	SAM	09/29/25 12:09		mohan	OK
42	Q3196-09	FMC-9-24-25-DRUM-	SAM	09/29/25 12:11		mohan	OK
43	Q3199-09	ELZ-25-000107	SAM	09/29/25 12:14		mohan	OK
44	Q3199-09DUP	ELZ-25-000107DUP	DUP	09/29/25 12:16		mohan	OK
45	CCV54	CCV54	CCV	09/29/25 12:18		mohan	OK
46	CCB54	CCB54	CCB	09/29/25 12:20		mohan	OK
47	Q3199-09MS	ELZ-25-000107MS	MS	09/29/25 12:23		mohan	OK
48	Q3199-09MSD	ELZ-25-000107MSD	MSD	09/29/25 12:25		mohan	OK
49	PB169872BL	PB169872BL	MB	09/29/25 12:27		mohan	OK
50	PB169872BS	PB169872BS	LCS	09/29/25 12:30		mohan	OK
51	Q2893-09	MDL-WATER-03-QT3	SAM	09/29/25 12:35		mohan	OK
52	Q3172-01	FW7D	SAM	09/29/25 12:37		mohan	OK
53	Q3172-02	FW6D	SAM	09/29/25 12:40		mohan	OK
54	Q3205-01	TRE-25-0106	SAM	09/29/25 12:42		mohan	OK
55	Q3205-01DUP	TRE-25-0106DUP	DUP	09/29/25 12:44		mohan	OK
56	Q3205-01MS	TRE-25-0106MS	MS	09/29/25 12:51		mohan	OK
57	CCV55	CCV55	CCV	09/29/25 12:53		mohan	OK
58	CCB55	CCB55	CCB	09/29/25 12:56		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137343

Review By	mohan	Review On	9/30/2025 10:14:53 AM
Supervise By	jaswal	Supervise On	10/1/2025 12:08:05 AM

STD. NAME	STD REF.#
ICAL Standard	MP87372,MP87373,MP87374,MP87375,MP87376,MP87377
ICV Standard	MP87378
CCV Standard	MP87380
ICSA Standard	
CRI Standard	MP87382
LCS Standard	
Chk Standard	MP87379,MP87381,MP87383,MP87385

59	Q3205-01MSD	TRE-25-0106MSD	MSD	09/29/25 12:58		mohan	OK
60	PB169840TB	PB169840TB	MB	09/29/25 13:00		mohan	OK
61	PB169843TB	PB169843TB	MB	09/29/25 13:03		mohan	OK
62	Q3208-12L	SU-ESM-COMP-02L	SD	09/29/25 13:08		mohan	OK
63	Q3208-12A	SU-ESM-COMP-02A	PS	09/29/25 13:10		mohan	OK
64	Q3199-09L	ELZ-25-000107L	SD	09/29/25 13:12		mohan	OK
65	Q3199-09A	ELZ-25-000107A	PS	09/29/25 13:15		mohan	OK
66	Q3205-01L	TRE-25-0106L	SD	09/29/25 13:17		mohan	OK
67	Q3205-01A	TRE-25-0106A	PS	09/29/25 13:19		mohan	OK
68	CCV56	CCV56	CCV	09/29/25 13:22		mohan	OK
69	CCB56	CCB56	CCB	09/29/25 13:24		mohan	OK
70	Q2893-07	LOD-MDL-WATER-01	SAM	09/29/25 13:26		mohan	OK
71	Q2893-07RE	LOD-MDL-WATER-01	SAM	09/29/25 13:34		mohan	OK
72	CCV57	CCV57	CCV	09/29/25 13:36		mohan	OK
73	CCB57	CCB57	CCB	09/29/25 13:38		mohan	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: 09/24/2025 Time : 12:35 Temp : 96 °C

End Digest Date: 09/24/2025 Time : 15:40 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/24/25 15:40	<i>SKS met dig</i>	<i>SKS (metals 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
PB169812BL	PBW812	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169812BS	LCS812	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	2
Q3168-05MS	TOTES COMP#1MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	5
Q3168-05MSD	TOTES COMP#1MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	6
Q3168-05DUP	TOTES COMP#1DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3168-05	TOTES COMP#1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3168-06	TOTES COMP#2	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	7
Q3172-01	FW7D	<2	50	25	Brown	Colorless	Cloudy	Clear	N/A	8
Q3172-02	FW6D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9

SOP ID : M7470A-Mercury-20

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: 09/26/2025 Time : 14:40 Temp : 95 °C

End Digest Date: 09/26/2025 Time : 16:40 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87362
CCV	30mL	MP87364
CRA	30mL	MP87366
Blank Spike	0.48mL	MP87355
Matrix Spike	0.48mL	MP87355

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87071
KMnO4 (5%)	4.5mL	MP87072
K2S2O8 (5%)	2.4mL	MP87073
Hydroxylamine HCL (12%)	1.8mL	MP87149
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	30MI	MP87356
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30MI	MP87357
2.5 ppb	S2.5	30MI	MP87358
5.0 ppb	S5.0	30MI	MP87359
7.5 ppb	S7.5	30MI	MP87360
10.0 ppb	S10.0	30MI	MP87361
ICV	ICV	30MI	MP87362
ICB	ICB	30MI	MP87363
CCV	CCV	30MI	MP87364
CCB	CCB	30MI	MP87365
CRI	CRI	30MI	MP87366
CHK STD	CHK STD	30MI	MP87367

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/26/25 @ 17:10	AP-1219, Lab	AP-1219, Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169872BL	PBW872	30	30	<2	N/A	3-1
PB169872BS	LCS872	30	30	<2	MP87355	2
Q2893-09	MDL-WATER-03-QT3-2025	30	30	<2	N/A	3
Q3172-01	FW7D	30	30	<2	N/A	4
Q3172-02	FW6D	30	30	<2	N/A	5
Q3205-01	TRE-25-0106	30	30	<2	N/A	6
Q3205-01DUP	TRE-25-0106DUP	30	30	<2	N/A	7
Q3205-01MS	TRE-25-0106MS	30	30	<2	MP87355	8
Q3205-01MSD	TRE-25-0106MSD	30	30	<2	MP87355	9

A
B
C
D
E
F
G
H
I
J