

Hit Summary Sheet SW-846

SDG No.: Q1945

Order ID: Q1945

Client: G Environmental

Project ID: Amsterdam

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GB1W								
Q1945-01	GB1W	Water	Aluminum	33900		5.67	50.0	ug/L
Q1945-01	GB1W	Water	Antimony	13.1	J	3.38	25.0	ug/L
Q1945-01	GB1W	Water	Arsenic	412		2.56	10.0	ug/L
Q1945-01	GB1W	Water	Barium	1960		7.28	50.0	ug/L
Q1945-01	GB1W	Water	Beryllium	3.04		0.28	3.00	ug/L
Q1945-01	GB1W	Water	Cadmium	10.5		0.25	3.00	ug/L
Q1945-01	GB1W	Water	Calcium	82100		117	1000	ug/L
Q1945-01	GB1W	Water	Chromium	768		1.06	5.00	ug/L
Q1945-01	GB1W	Water	Cobalt	23.2		1.13	15.0	ug/L
Q1945-01	GB1W	Water	Copper	2310		2.30	10.0	ug/L
Q1945-01	GB1W	Water	Iron	81000		11.7	50.0	ug/L
Q1945-01	GB1W	Water	Lead	2010		1.15	6.00	ug/L
Q1945-01	GB1W	Water	Magnesium	13600		122	1000	ug/L
Q1945-01	GB1W	Water	Manganese	855		2.97	10.0	ug/L
Q1945-01	GB1W	Water	Mercury	4.53		0.076	0.20	ug/L
Q1945-01	GB1W	Water	Nickel	262		1.53	20.0	ug/L
Q1945-01	GB1W	Water	Potassium	12200		459	1000	ug/L
Q1945-01	GB1W	Water	Silver	3.13	J	0.81	5.00	ug/L
Q1945-01	GB1W	Water	Sodium	34700		434	1000	ug/L
Q1945-01	GB1W	Water	Vanadium	79.5		3.13	20.0	ug/L
Q1945-01	GB1W	Water	Zinc	27500	D	83.3	200	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	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	33900		1	5.67	50.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-36-0	Antimony	13.1	J	1	3.38	25.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-38-2	Arsenic	412		1	2.56	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-39-3	Barium	1960		1	7.28	50.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-41-7	Beryllium	3.04		1	0.28	3.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-43-9	Cadmium	10.5		1	0.25	3.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-70-2	Calcium	82100		1	117	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-47-3	Chromium	768		1	1.06	5.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-48-4	Cobalt	23.2		1	1.13	15.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-50-8	Copper	2310		1	2.30	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-89-6	Iron	81000		1	11.7	50.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-92-1	Lead	2010		1	1.15	6.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-95-4	Magnesium	13600		1	122	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-96-5	Manganese	855		1	2.97	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-97-6	Mercury	4.53	N	1	0.076	0.20	ug/L	05/05/25 07:20	05/05/25 13:01	SW7470A	
7440-02-0	Nickel	262		1	1.53	20.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-09-7	Potassium	12200		1	459	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-22-4	Silver	3.13	J	1	0.81	5.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-23-5	Sodium	34700		1	434	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-62-2	Vanadium	79.5		1	3.13	20.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-66-6	Zinc	27500	D	10	83.3	200	ug/L	05/05/25 11:05	05/06/25 20:18	SW6010	SW3010

Color Before:	Brown	Clarity Before:	Clear	Texture:
Color After:	light Brown	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



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental				SDG No.:	Q1945				
Contract:	GENV01		Lab Code:	CHEM		Case No.:	Q1945		SAS No.:	Q1945
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB114	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	11:18	LB135662	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1945</u>							
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1945</u>	SAS No.: <u>Q1945</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB71	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	11:30	LB135662
CCB72	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	12:03	LB135662
CCB73	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	12:38	LB135662
CCB74	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	13:06	LB135662
CCB75	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	13:43	LB135662
CCB76	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	13:55	LB135662

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/05/2025	14:41	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	14:41	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	14:41	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	14:41	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	14:41	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	14:41	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	14:41	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	14:41	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	14:41	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	14:41	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/05/2025	15:26	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	15:26	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	15:26	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	15:26	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	15:26	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	15:26	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	15:26	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	15:26	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	15:26	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	15:26	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
CCB02	Aluminum	100	+/-100	U	100	P	05/05/2025	16:12	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	16:12	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	16:12	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	16:12	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	16:12	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	16:12	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	16:12	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	16:12	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	16:12	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/05/2025	16:12	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
CCB03	Aluminum	100	+/-100	U	100	P	05/05/2025	17:00	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	17:00	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	17:00	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:00	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:00	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	17:00	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	17:00	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	17:00	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	17:00	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	17:00	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
CCB04	Aluminum	100	+/-100	U	100	P	05/05/2025	17:59	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	17:59	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	17:59	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:59	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:59	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	17:59	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	17:59	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	17:59	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	17:59	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	17:59	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/05/2025	17:59	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	17:59	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	17:59	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	17:59	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
CCB05	Aluminum	100	+/-100	U	100	P	05/05/2025	18:47	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	18:47	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	18:47	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	18:47	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	18:47	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	18:47	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	18:47	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	18:47	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	18:47	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	18:47	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
CCB06	Aluminum	100	+/-100	U	100	P	05/05/2025	19:37	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	19:37	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	19:37	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	19:37	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	19:37	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1945</u>							
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1945</u>	SAS No.: <u>Q1945</u>						
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	05/05/2025	19:37	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	19:37	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	19:37	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	19:37	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	19:37	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
CCB07	Aluminum	100	+/-100	U	100	P	05/05/2025	20:23	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	20:23	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	20:23	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	20:23	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	20:23	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	20:23	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	20:23	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	20:23	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	20:23	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	20:23	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
CCB08	Aluminum	100	+/-100	U	100	P	05/05/2025	21:12	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	21:12	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/05/2025	21:12	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	21:12	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	21:12	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	21:12	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	21:12	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	21:12	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	21:12	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	21:12	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	21:12	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	21:12	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	21:12	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	21:12	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
CCB09	Aluminum	100	+/-100	U	100	P	05/05/2025	22:03	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	22:03	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	22:03	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:03	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:03	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	22:03	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	22:03	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	22:03	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	22:03	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	22:03	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	22:03	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/05/2025	22:03	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	22:03	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	22:03	LB135674
CCB10	Aluminum	100	+/-100	U	100	P	05/05/2025	22:37	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	22:37	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	22:37	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:37	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:37	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	22:37	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	22:37	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	22:37	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	22:37	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	22:37	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

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	05/06/2025	15:27	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	15:27	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	15:27	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	15:27	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	12.8	+/-100	J	100	P	05/06/2025	16:34	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	16:34	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	16:34	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	16:34	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
CCB02	Aluminum	14.3	+/-100	J	100	P	05/06/2025	17:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	17:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	17:20	LB135689
	Cadmium	0.60	+/-6.00	J	6.00	P	05/06/2025	17:20	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	17:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	17:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	17:20	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/06/2025	17:20	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
CCB03	Aluminum	15.8	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	18:13	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	18:13	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	18:13	LB135689
	Cadmium	0.59	+/-6.00	J	6.00	P	05/06/2025	18:13	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	18:13	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Iron	23.9	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	18:13	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
CCB04	Aluminum	16.7	+/-100	J	100	P	05/06/2025	19:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	19:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	19:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	19:20	LB135689

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/06/2025	19:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
CCB05	Aluminum	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:06	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:06	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:06	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
CCB06	Aluminum	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:35	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1945							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1945	SAS No.: Q1945						
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	05/06/2025	20:35	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:35	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:35	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:35	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1945

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167866BL		WATER		Batch Number:	PB167866		Prep Date:	05/05/2025	
	Mercury	0.20	<0.20	U	0.20	CV	05/05/2025	12:52	LB135662

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1945

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167858BL	WATER			Batch Number:	PB167858		Prep Date:	05/05/2025	
	Aluminum	50.0	<50.0	U	50.0	P	05/05/2025	18:22	LB135674
	Antimony	25.0	<25.0	U	25.0	P	05/05/2025	18:22	LB135674
	Arsenic	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Barium	50.0	<50.0	U	50.0	P	05/05/2025	18:22	LB135674
	Beryllium	3.00	<3.00	U	3.00	P	05/05/2025	18:22	LB135674
	Cadmium	3.00	<3.00	U	3.00	P	05/05/2025	18:22	LB135674
	Calcium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Chromium	5.00	<5.00	U	5.00	P	05/05/2025	18:22	LB135674
	Cobalt	15.0	<15.0	U	15.0	P	05/05/2025	18:22	LB135674
	Copper	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Iron	50.0	<50.0	U	50.0	P	05/05/2025	18:22	LB135674
	Lead	6.00	<6.00	U	6.00	P	05/05/2025	18:22	LB135674
	Magnesium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Manganese	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Nickel	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674
	Potassium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Selenium	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Silver	5.00	<5.00	U	5.00	P	05/05/2025	18:22	LB135674
	Sodium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Thallium	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674
	Vanadium	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674
	Zinc	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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
ICV114	Mercury	3.72	4.0	93	90 - 110	CV	05/05/2025	11:16	LB135662

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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
CCV71	Mercury	4.85	5.0	97	90 - 110	CV	05/05/2025	11:25	LB135662
CCV72	Mercury	5.11	5.0	102	90 - 110	CV	05/05/2025	11:58	LB135662
CCV73	Mercury	4.75	5.0	95	90 - 110	CV	05/05/2025	12:28	LB135662
CCV74	Mercury	4.54	5.0	91	90 - 110	CV	05/05/2025	13:03	LB135662
CCV75	Mercury	5.43	5.0	108	90 - 110	CV	05/05/2025	13:41	LB135662
CCV76	Mercury	5.40	5.0	108	90 - 110	CV	05/05/2025	13:52	LB135662

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2360	2500	94	90 - 110	P	05/05/2025	14:18	LB135674
	Antimony	1000	1000	100	90 - 110	P	05/05/2025	14:18	LB135674
	Arsenic	973	1000	97	90 - 110	P	05/05/2025	14:18	LB135674
	Barium	522	520	100	90 - 110	P	05/05/2025	14:18	LB135674
	Beryllium	483	510	95	90 - 110	P	05/05/2025	14:18	LB135674
	Cadmium	501	510	98	90 - 110	P	05/05/2025	14:18	LB135674
	Calcium	9510	10000	95	90 - 110	P	05/05/2025	14:18	LB135674
	Chromium	508	520	98	90 - 110	P	05/05/2025	14:18	LB135674
	Cobalt	489	520	94	90 - 110	P	05/05/2025	14:18	LB135674
	Copper	499	510	98	90 - 110	P	05/05/2025	14:18	LB135674
	Iron	9600	10000	96	90 - 110	P	05/05/2025	14:18	LB135674
	Lead	988	1000	99	90 - 110	P	05/05/2025	14:18	LB135674
	Magnesium	5640	6000	94	90 - 110	P	05/05/2025	14:18	LB135674
	Manganese	485	520	93	90 - 110	P	05/05/2025	14:18	LB135674
	Nickel	490	530	92	90 - 110	P	05/05/2025	14:18	LB135674
	Potassium	9270	9900	94	90 - 110	P	05/05/2025	14:18	LB135674
	Selenium	1020	1000	102	90 - 110	P	05/05/2025	14:18	LB135674
	Silver	228	250	91	90 - 110	P	05/05/2025	14:18	LB135674
	Sodium	9280	10000	93	90 - 110	P	05/05/2025	14:18	LB135674
	Thallium	1020	1000	102	90 - 110	P	05/05/2025	14:18	LB135674
	Vanadium	472	500	94	90 - 110	P	05/05/2025	14:18	LB135674
	Zinc	969	1000	97	90 - 110	P	05/05/2025	14:18	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	05/05/2025	14:36	LB135674
	Antimony	53.4	50.0	107	80 - 120	P	05/05/2025	14:36	LB135674
	Arsenic	23.4	20.0	117	80 - 120	P	05/05/2025	14:36	LB135674
	Barium	95.2	100	95	80 - 120	P	05/05/2025	14:36	LB135674
	Beryllium	5.87	6.0	98	80 - 120	P	05/05/2025	14:36	LB135674
	Cadmium	5.83	6.0	97	80 - 120	P	05/05/2025	14:36	LB135674
	Calcium	2030	2000	102	80 - 120	P	05/05/2025	14:36	LB135674
	Chromium	10.2	10.0	102	80 - 120	P	05/05/2025	14:36	LB135674
	Cobalt	29.7	30.0	99	80 - 120	P	05/05/2025	14:36	LB135674
	Copper	22.4	20.0	112	80 - 120	P	05/05/2025	14:36	LB135674
	Iron	90.6	100	91	80 - 120	P	05/05/2025	14:36	LB135674
	Lead	10.9	12.0	91	80 - 120	P	05/05/2025	14:36	LB135674
	Magnesium	2150	2000	107	80 - 120	P	05/05/2025	14:36	LB135674
	Manganese	18.4	20.0	92	80 - 120	P	05/05/2025	14:36	LB135674
	Nickel	39.5	40.0	99	80 - 120	P	05/05/2025	14:36	LB135674
	Potassium	1920	2000	96	80 - 120	P	05/05/2025	14:36	LB135674
	Selenium	22.6	20.0	113	80 - 120	P	05/05/2025	14:36	LB135674
	Silver	10.2	10.0	102	80 - 120	P	05/05/2025	14:36	LB135674
	Sodium	1930	2000	97	80 - 120	P	05/05/2025	14:36	LB135674
	Thallium	41.0	40.0	103	80 - 120	P	05/05/2025	14:36	LB135674
	Vanadium	39.7	40.0	99	80 - 120	P	05/05/2025	14:36	LB135674
	Zinc	41.2	40.0	103	80 - 120	P	05/05/2025	14:36	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
 Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
 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	9770	10000	98	90 - 110	P	05/05/2025	15:20	LB135674
	Antimony	4950	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Arsenic	4930	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Barium	9850	10000	98	90 - 110	P	05/05/2025	15:20	LB135674
	Beryllium	243	250	97	90 - 110	P	05/05/2025	15:20	LB135674
	Cadmium	2450	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Calcium	24400	25000	98	90 - 110	P	05/05/2025	15:20	LB135674
	Chromium	996	1000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Cobalt	2450	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Copper	1240	1250	99	90 - 110	P	05/05/2025	15:20	LB135674
	Iron	5100	5000	102	90 - 110	P	05/05/2025	15:20	LB135674
	Lead	4940	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Magnesium	24200	25000	97	90 - 110	P	05/05/2025	15:20	LB135674
	Manganese	2430	2500	97	90 - 110	P	05/05/2025	15:20	LB135674
	Nickel	2450	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Potassium	24900	25000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Selenium	4960	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Silver	1240	1250	99	90 - 110	P	05/05/2025	15:20	LB135674
	Sodium	25000	25000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Thallium	4980	5000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Vanadium	2440	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Zinc	2480	2500	99	90 - 110	P	05/05/2025	15:20	LB135674
CCV02	Aluminum	9710	10000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Antimony	4910	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Arsenic	4880	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Barium	9880	10000	99	90 - 110	P	05/05/2025	16:07	LB135674
	Beryllium	240	250	96	90 - 110	P	05/05/2025	16:07	LB135674
	Cadmium	2410	2500	96	90 - 110	P	05/05/2025	16:07	LB135674
	Calcium	24200	25000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Chromium	974	1000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Cobalt	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Copper	1230	1250	98	90 - 110	P	05/05/2025	16:07	LB135674
	Iron	4990	5000	100	90 - 110	P	05/05/2025	16:07	LB135674
	Lead	4870	5000	97	90 - 110	P	05/05/2025	16:07	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	05/05/2025	16:07	LB135674
	Manganese	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Nickel	2420	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Potassium	24300	25000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Selenium	4920	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Silver	1210	1250	97	90 - 110	P	05/05/2025	16:07	LB135674
	Sodium	24400	25000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Thallium	4890	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Vanadium	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Zinc	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
CCV03	Aluminum	9670	10000	97	90 - 110	P	05/05/2025	16:56	LB135674
	Antimony	5080	5000	102	90 - 110	P	05/05/2025	16:56	LB135674
	Arsenic	5050	5000	101	90 - 110	P	05/05/2025	16:56	LB135674
	Barium	9910	10000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Beryllium	240	250	96	90 - 110	P	05/05/2025	16:56	LB135674
	Cadmium	2410	2500	96	90 - 110	P	05/05/2025	16:56	LB135674
	Calcium	24100	25000	96	90 - 110	P	05/05/2025	16:56	LB135674
	Chromium	975	1000	98	90 - 110	P	05/05/2025	16:56	LB135674
	Cobalt	2430	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Copper	1260	1250	100	90 - 110	P	05/05/2025	16:56	LB135674
	Iron	5080	5000	102	90 - 110	P	05/05/2025	16:56	LB135674
	Lead	4880	5000	98	90 - 110	P	05/05/2025	16:56	LB135674
	Magnesium	23800	25000	95	90 - 110	P	05/05/2025	16:56	LB135674
	Manganese	2420	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Nickel	2420	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Potassium	24800	25000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Selenium	5160	5000	103	90 - 110	P	05/05/2025	16:56	LB135674
	Silver	1230	1250	98	90 - 110	P	05/05/2025	16:56	LB135674
	Sodium	24800	25000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Thallium	4970	5000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Vanadium	2420	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Zinc	2460	2500	98	90 - 110	P	05/05/2025	16:56	LB135674
CCV04	Aluminum	9610	10000	96	90 - 110	P	05/05/2025	17:55	LB135674
	Antimony	4970	5000	99	90 - 110	P	05/05/2025	17:55	LB135674

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
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	4930	5000	99	90 - 110	P	05/05/2025	17:55	LB135674
	Barium	9690	10000	97	90 - 110	P	05/05/2025	17:55	LB135674
	Beryllium	230	250	92	90 - 110	P	05/05/2025	17:55	LB135674
	Cadmium	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
	Calcium	23800	25000	95	90 - 110	P	05/05/2025	17:55	LB135674
	Chromium	977	1000	98	90 - 110	P	05/05/2025	17:55	LB135674
	Cobalt	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
	Copper	1220	1250	98	90 - 110	P	05/05/2025	17:55	LB135674
	Iron	4990	5000	100	90 - 110	P	05/05/2025	17:55	LB135674
	Lead	4870	5000	98	90 - 110	P	05/05/2025	17:55	LB135674
	Magnesium	23600	25000	95	90 - 110	P	05/05/2025	17:55	LB135674
	Manganese	2360	2500	94	90 - 110	P	05/05/2025	17:55	LB135674
	Nickel	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
	Potassium	24200	25000	97	90 - 110	P	05/05/2025	17:55	LB135674
	Selenium	4980	5000	100	90 - 110	P	05/05/2025	17:55	LB135674
	Silver	1200	1250	96	90 - 110	P	05/05/2025	17:55	LB135674
	Sodium	24400	25000	98	90 - 110	P	05/05/2025	17:55	LB135674
	Thallium	4860	5000	97	90 - 110	P	05/05/2025	17:55	LB135674
	Vanadium	2410	2500	96	90 - 110	P	05/05/2025	17:55	LB135674
	Zinc	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
CCV05	Aluminum	9590	10000	96	90 - 110	P	05/05/2025	18:43	LB135674
	Antimony	5050	5000	101	90 - 110	P	05/05/2025	18:43	LB135674
	Arsenic	4990	5000	100	90 - 110	P	05/05/2025	18:43	LB135674
	Barium	9570	10000	96	90 - 110	P	05/05/2025	18:43	LB135674
	Beryllium	235	250	94	90 - 110	P	05/05/2025	18:43	LB135674
	Cadmium	2420	2500	97	90 - 110	P	05/05/2025	18:43	LB135674
	Calcium	23500	25000	94	90 - 110	P	05/05/2025	18:43	LB135674
	Chromium	970	1000	97	90 - 110	P	05/05/2025	18:43	LB135674
	Cobalt	2410	2500	96	90 - 110	P	05/05/2025	18:43	LB135674
	Copper	1230	1250	99	90 - 110	P	05/05/2025	18:43	LB135674
	Iron	4980	5000	100	90 - 110	P	05/05/2025	18:43	LB135674
	Lead	4860	5000	97	90 - 110	P	05/05/2025	18:43	LB135674
	Magnesium	23300	25000	93	90 - 110	P	05/05/2025	18:43	LB135674
	Manganese	2340	2500	93	90 - 110	P	05/05/2025	18:43	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
 Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
 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	2430	2500	97	90 - 110	P	05/05/2025	18:43	LB135674
	Potassium	24500	25000	98	90 - 110	P	05/05/2025	18:43	LB135674
	Selenium	5070	5000	101	90 - 110	P	05/05/2025	18:43	LB135674
	Silver	1220	1250	98	90 - 110	P	05/05/2025	18:43	LB135674
	Sodium	24800	25000	99	90 - 110	P	05/05/2025	18:43	LB135674
	Thallium	4770	5000	95	90 - 110	P	05/05/2025	18:43	LB135674
	Vanadium	2390	2500	96	90 - 110	P	05/05/2025	18:43	LB135674
	Zinc	2470	2500	99	90 - 110	P	05/05/2025	18:43	LB135674
CCV06	Aluminum	9210	10000	92	90 - 110	P	05/05/2025	19:32	LB135674
	Antimony	4780	5000	96	90 - 110	P	05/05/2025	19:32	LB135674
	Arsenic	4750	5000	95	90 - 110	P	05/05/2025	19:32	LB135674
	Barium	9680	10000	97	90 - 110	P	05/05/2025	19:32	LB135674
	Beryllium	215	250	86	90 - 110	P	05/05/2025	19:32	LB135674
	Cadmium	2340	2500	94	90 - 110	P	05/05/2025	19:32	LB135674
	Calcium	22700	25000	91	90 - 110	P	05/05/2025	19:32	LB135674
	Chromium	940	1000	94	90 - 110	P	05/05/2025	19:32	LB135674
	Cobalt	2330	2500	93	90 - 110	P	05/05/2025	19:32	LB135674
	Copper	1180	1250	94	90 - 110	P	05/05/2025	19:32	LB135674
	Iron	5030	5000	101	90 - 110	P	05/05/2025	19:32	LB135674
	Lead	4680	5000	94	90 - 110	P	05/05/2025	19:32	LB135674
	Magnesium	22100	25000	88	90 - 110	P	05/05/2025	19:32	LB135674
	Manganese	2300	2500	92	90 - 110	P	05/05/2025	19:32	LB135674
	Nickel	2360	2500	94	90 - 110	P	05/05/2025	19:32	LB135674
	Potassium	25600	25000	102	90 - 110	P	05/05/2025	19:32	LB135674
	Selenium	4800	5000	96	90 - 110	P	05/05/2025	19:32	LB135674
	Silver	1190	1250	95	90 - 110	P	05/05/2025	19:32	LB135674
	Sodium	25500	25000	102	90 - 110	P	05/05/2025	19:32	LB135674
	Thallium	4620	5000	92	90 - 110	P	05/05/2025	19:32	LB135674
	Vanadium	2340	2500	94	90 - 110	P	05/05/2025	19:32	LB135674
	Zinc	2380	2500	95	90 - 110	P	05/05/2025	19:32	LB135674
CCV07	Aluminum	9210	10000	92	90 - 110	P	05/05/2025	20:19	LB135674
	Antimony	4700	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Arsenic	4700	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Barium	9380	10000	94	90 - 110	P	05/05/2025	20:19	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	231	250	92	90 - 110	P	05/05/2025	20:19	LB135674
	Cadmium	2350	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
	Calcium	23300	25000	93	90 - 110	P	05/05/2025	20:19	LB135674
	Chromium	955	1000	96	90 - 110	P	05/05/2025	20:19	LB135674
	Cobalt	2330	2500	93	90 - 110	P	05/05/2025	20:19	LB135674
	Copper	1170	1250	93	90 - 110	P	05/05/2025	20:19	LB135674
	Iron	4820	5000	96	90 - 110	P	05/05/2025	20:19	LB135674
	Lead	4710	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Magnesium	23100	25000	92	90 - 110	P	05/05/2025	20:19	LB135674
	Manganese	2310	2500	92	90 - 110	P	05/05/2025	20:19	LB135674
	Nickel	2360	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
	Potassium	23800	25000	95	90 - 110	P	05/05/2025	20:19	LB135674
	Selenium	4700	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Silver	1180	1250	95	90 - 110	P	05/05/2025	20:19	LB135674
	Sodium	23800	25000	95	90 - 110	P	05/05/2025	20:19	LB135674
	Thallium	4630	5000	92	90 - 110	P	05/05/2025	20:19	LB135674
	Vanadium	2340	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
	Zinc	2350	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
CCV08	Aluminum	9250	10000	92	90 - 110	P	05/05/2025	21:07	LB135674
	Antimony	4760	5000	95	90 - 110	P	05/05/2025	21:07	LB135674
	Arsenic	4790	5000	96	90 - 110	P	05/05/2025	21:07	LB135674
	Barium	9390	10000	94	90 - 110	P	05/05/2025	21:07	LB135674
	Beryllium	232	250	93	90 - 110	P	05/05/2025	21:07	LB135674
	Cadmium	2380	2500	95	90 - 110	P	05/05/2025	21:07	LB135674
	Calcium	23300	25000	93	90 - 110	P	05/05/2025	21:07	LB135674
	Chromium	961	1000	96	90 - 110	P	05/05/2025	21:07	LB135674
	Cobalt	2360	2500	95	90 - 110	P	05/05/2025	21:07	LB135674
	Copper	1190	1250	95	90 - 110	P	05/05/2025	21:07	LB135674
	Iron	4870	5000	97	90 - 110	P	05/05/2025	21:07	LB135674
	Lead	4770	5000	95	90 - 110	P	05/05/2025	21:07	LB135674
	Magnesium	23300	25000	93	90 - 110	P	05/05/2025	21:07	LB135674
	Manganese	2310	2500	92	90 - 110	P	05/05/2025	21:07	LB135674
	Nickel	2380	2500	95	90 - 110	P	05/05/2025	21:07	LB135674
	Potassium	23400	25000	94	90 - 110	P	05/05/2025	21:07	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
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	4800	5000	96	90 - 110	P	05/05/2025	21:07	LB135674
	Silver	1180	1250	94	90 - 110	P	05/05/2025	21:07	LB135674
	Sodium	23700	25000	95	90 - 110	P	05/05/2025	21:07	LB135674
	Thallium	4670	5000	94	90 - 110	P	05/05/2025	21:07	LB135674
	Vanadium	2340	2500	94	90 - 110	P	05/05/2025	21:07	LB135674
	Zinc	2350	2500	94	90 - 110	P	05/05/2025	21:07	LB135674
CCV09	Aluminum	9270	10000	93	90 - 110	P	05/05/2025	21:59	LB135674
	Antimony	4680	5000	94	90 - 110	P	05/05/2025	21:59	LB135674
	Arsenic	4740	5000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Barium	9390	10000	94	90 - 110	P	05/05/2025	21:59	LB135674
	Beryllium	242	250	97	90 - 110	P	05/05/2025	21:59	LB135674
	Cadmium	2410	2500	97	90 - 110	P	05/05/2025	21:59	LB135674
	Calcium	23600	25000	94	90 - 110	P	05/05/2025	21:59	LB135674
	Chromium	959	1000	96	90 - 110	P	05/05/2025	21:59	LB135674
	Cobalt	2380	2500	95	90 - 110	P	05/05/2025	21:59	LB135674
	Copper	1180	1250	95	90 - 110	P	05/05/2025	21:59	LB135674
	Iron	4770	5000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Lead	4810	5000	96	90 - 110	P	05/05/2025	21:59	LB135674
	Magnesium	23700	25000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Manganese	2370	2500	95	90 - 110	P	05/05/2025	21:59	LB135674
	Nickel	2410	2500	96	90 - 110	P	05/05/2025	21:59	LB135674
	Potassium	23200	25000	93	90 - 110	P	05/05/2025	21:59	LB135674
	Selenium	4740	5000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Silver	1190	1250	95	90 - 110	P	05/05/2025	21:59	LB135674
	Sodium	23000	25000	92	90 - 110	P	05/05/2025	21:59	LB135674
	Thallium	4640	5000	93	90 - 110	P	05/05/2025	21:59	LB135674
	Vanadium	2360	2500	94	90 - 110	P	05/05/2025	21:59	LB135674
	Zinc	2320	2500	93	90 - 110	P	05/05/2025	21:59	LB135674
CCV10	Aluminum	9230	10000	92	90 - 110	P	05/05/2025	22:33	LB135674
	Antimony	4720	5000	94	90 - 110	P	05/05/2025	22:33	LB135674
	Arsenic	4740	5000	95	90 - 110	P	05/05/2025	22:33	LB135674
	Barium	9090	10000	91	90 - 110	P	05/05/2025	22:33	LB135674
	Beryllium	239	250	96	90 - 110	P	05/05/2025	22:33	LB135674
	Cadmium	2380	2500	95	90 - 110	P	05/05/2025	22:33	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	23300	25000	93	90 - 110	P	05/05/2025	22:33	LB135674
	Chromium	967	1000	97	90 - 110	P	05/05/2025	22:33	LB135674
	Cobalt	2360	2500	94	90 - 110	P	05/05/2025	22:33	LB135674
	Copper	1180	1250	95	90 - 110	P	05/05/2025	22:33	LB135674
	Iron	4620	5000	92	90 - 110	P	05/05/2025	22:33	LB135674
	Lead	4750	5000	95	90 - 110	P	05/05/2025	22:33	LB135674
	Magnesium	23600	25000	94	90 - 110	P	05/05/2025	22:33	LB135674
	Manganese	2300	2500	92	90 - 110	P	05/05/2025	22:33	LB135674
	Nickel	2370	2500	95	90 - 110	P	05/05/2025	22:33	LB135674
	Potassium	22800	25000	91	90 - 110	P	05/05/2025	22:33	LB135674
	Selenium	4730	5000	95	90 - 110	P	05/05/2025	22:33	LB135674
	Silver	1180	1250	94	90 - 110	P	05/05/2025	22:33	LB135674
	Sodium	23300	25000	93	90 - 110	P	05/05/2025	22:33	LB135674
	Thallium	4550	5000	91	90 - 110	P	05/05/2025	22:33	LB135674
	Vanadium	2330	2500	93	90 - 110	P	05/05/2025	22:33	LB135674
	Zinc	2330	2500	93	90 - 110	P	05/05/2025	22:33	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	2400	2500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Antimony	972	1000	97	90 - 110	P	05/06/2025	14:47	LB135689
	Arsenic	976	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Barium	531	520	102	90 - 110	P	05/06/2025	14:47	LB135689
	Beryllium	552	510	108	90 - 110	P	05/06/2025	14:47	LB135689
	Cadmium	498	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Calcium	9500	10000	95	90 - 110	P	05/06/2025	14:47	LB135689
	Chromium	498	520	96	90 - 110	P	05/06/2025	14:47	LB135689
	Cobalt	487	520	94	90 - 110	P	05/06/2025	14:47	LB135689
	Copper	500	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Iron	10500	10000	105	90 - 110	P	05/06/2025	14:47	LB135689
	Lead	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Magnesium	5640	6000	94	90 - 110	P	05/06/2025	14:47	LB135689
	Manganese	493	520	95	90 - 110	P	05/06/2025	14:47	LB135689
	Nickel	492	530	93	90 - 110	P	05/06/2025	14:47	LB135689
	Potassium	10100	9900	102	90 - 110	P	05/06/2025	14:47	LB135689
	Selenium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Silver	232	250	93	90 - 110	P	05/06/2025	14:47	LB135689
	Sodium	10000	10000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Thallium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Vanadium	478	500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Zinc	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	105	100	105	80 - 120	P	05/06/2025	15:22	LB135689
	Antimony	50.3	50.0	101	80 - 120	P	05/06/2025	15:22	LB135689
	Arsenic	18.2	20.0	91	80 - 120	P	05/06/2025	15:22	LB135689
	Barium	91.5	100	92	80 - 120	P	05/06/2025	15:22	LB135689
	Beryllium	5.90	6.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Cadmium	5.98	6.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Calcium	1930	2000	96	80 - 120	P	05/06/2025	15:22	LB135689
	Chromium	9.31	10.0	93	80 - 120	P	05/06/2025	15:22	LB135689
	Cobalt	28.6	30.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Copper	21.1	20.0	106	80 - 120	P	05/06/2025	15:22	LB135689
	Iron	98.2	100	98	80 - 120	P	05/06/2025	15:22	LB135689
	Lead	11.1	12.0	92	80 - 120	P	05/06/2025	15:22	LB135689
	Magnesium	2030	2000	102	80 - 120	P	05/06/2025	15:22	LB135689
	Manganese	19.6	20.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Nickel	38.9	40.0	97	80 - 120	P	05/06/2025	15:22	LB135689
	Potassium	1770	2000	88	80 - 120	P	05/06/2025	15:22	LB135689
	Selenium	19.1	20.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Silver	9.80	10.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Sodium	1790	2000	89	80 - 120	P	05/06/2025	15:22	LB135689
	Thallium	39.9	40.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Vanadium	38.0	40.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Zinc	40.4	40.0	101	80 - 120	P	05/06/2025	15:22	LB135689

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
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	9630	10000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Antimony	4790	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Barium	9340	10000	93	90 - 110	P	05/06/2025	16:29	LB135689
	Beryllium	249	250	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cadmium	2390	2500	95	90 - 110	P	05/06/2025	16:29	LB135689
	Calcium	23900	25000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Chromium	998	1000	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Copper	1210	1250	97	90 - 110	P	05/06/2025	16:29	LB135689
	Iron	5040	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Lead	5030	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Magnesium	23900	25000	95	90 - 110	P	05/06/2025	16:29	LB135689
	Manganese	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Nickel	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Potassium	23900	25000	95	90 - 110	P	05/06/2025	16:29	LB135689
	Selenium	4800	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	16:29	LB135689
	Sodium	24100	25000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Thallium	4670	5000	94	90 - 110	P	05/06/2025	16:29	LB135689
	Vanadium	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Zinc	2470	2500	99	90 - 110	P	05/06/2025	16:29	LB135689
CCV02	Aluminum	9480	10000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Antimony	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Arsenic	4730	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Barium	9710	10000	97	90 - 110	P	05/06/2025	17:15	LB135689
	Beryllium	237	250	95	90 - 110	P	05/06/2025	17:15	LB135689
	Cadmium	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Calcium	24000	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Chromium	962	1000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Copper	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Iron	5000	5000	100	90 - 110	P	05/06/2025	17:15	LB135689
	Lead	4890	5000	98	90 - 110	P	05/06/2025	17:15	LB135689

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
 Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
 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	23700	25000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Manganese	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Nickel	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Potassium	24100	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Selenium	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Silver	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Sodium	24100	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Thallium	4770	5000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Vanadium	2390	2500	95	90 - 110	P	05/06/2025	17:15	LB135689
	Zinc	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
CCV03	Aluminum	9460	10000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Antimony	4590	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Arsenic	4570	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Barium	9450	10000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Beryllium	240	250	96	90 - 110	P	05/06/2025	18:08	LB135689
	Cadmium	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Calcium	23700	25000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Chromium	954	1000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Cobalt	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Copper	1170	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Iron	4700	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Lead	4690	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Magnesium	23600	25000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Manganese	2390	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
	Nickel	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Potassium	23200	25000	93	90 - 110	P	05/06/2025	18:08	LB135689
	Selenium	4550	5000	91	90 - 110	P	05/06/2025	18:08	LB135689
	Silver	1180	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Sodium	23300	25000	93	90 - 110	P	05/06/2025	18:08	LB135689
	Thallium	4710	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Vanadium	2360	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Zinc	2370	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
CCV04	Aluminum	9960	10000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Antimony	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
 Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
 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	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689
	Barium	9930	10000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Beryllium	264	250	106	90 - 110	P	05/06/2025	19:16	LB135689
	Cadmium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Calcium	25000	25000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Chromium	988	1000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Cobalt	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Iron	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Lead	4970	5000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Magnesium	24900	25000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Manganese	2530	2500	101	90 - 110	P	05/06/2025	19:16	LB135689
	Nickel	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Potassium	23600	25000	94	90 - 110	P	05/06/2025	19:16	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Sodium	23500	25000	94	90 - 110	P	05/06/2025	19:16	LB135689
	Thallium	4760	5000	95	90 - 110	P	05/06/2025	19:16	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Zinc	2490	2500	100	90 - 110	P	05/06/2025	19:16	LB135689
CCV05	Aluminum	10000	10000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Antimony	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Barium	9940	10000	99	90 - 110	P	05/06/2025	20:01	LB135689
	Beryllium	260	250	104	90 - 110	P	05/06/2025	20:01	LB135689
	Cadmium	2460	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Calcium	25000	25000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Chromium	995	1000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Cobalt	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Copper	1230	1250	98	90 - 110	P	05/06/2025	20:01	LB135689
	Iron	4860	5000	97	90 - 110	P	05/06/2025	20:01	LB135689
	Lead	4900	5000	98	90 - 110	P	05/06/2025	20:01	LB135689
	Magnesium	25000	25000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Manganese	2520	2500	101	90 - 110	P	05/06/2025	20:01	LB135689

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1945
 Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
 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	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Potassium	23700	25000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Selenium	4730	5000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Silver	1230	1250	99	90 - 110	P	05/06/2025	20:01	LB135689
	Sodium	23700	25000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Thallium	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Zinc	2480	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
CCV06	Aluminum	9830	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Antimony	4880	5000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Arsenic	4840	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Barium	9850	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Beryllium	241	250	96	90 - 110	P	05/06/2025	20:31	LB135689
	Cadmium	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Calcium	24400	25000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Chromium	975	1000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Cobalt	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	20:31	LB135689
	Iron	4920	5000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Lead	4870	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Magnesium	24300	25000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Manganese	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Nickel	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Potassium	24200	25000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	20:31	LB135689
	Silver	1210	1250	97	90 - 110	P	05/06/2025	20:31	LB135689
	Sodium	24400	25000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Thallium	4750	5000	95	90 - 110	P	05/06/2025	20:31	LB135689
	Vanadium	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Zinc	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689

Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental SDG No.: Q1945
Contract: GENV01 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945
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	05/05/2025	11:33	LB135662
CRI01	Aluminum	99.6	100	100	40 - 160	P	05/05/2025	14:47	LB135674
	Antimony	52.8	50.0	106	40 - 160	P	05/05/2025	14:47	LB135674
	Arsenic	20.6	20.0	103	40 - 160	P	05/05/2025	14:47	LB135674
	Barium	92.2	100	92	40 - 160	P	05/05/2025	14:47	LB135674
	Beryllium	5.85	6.0	98	40 - 160	P	05/05/2025	14:47	LB135674
	Cadmium	5.79	6.0	96	40 - 160	P	05/05/2025	14:47	LB135674
	Calcium	2000	2000	100	40 - 160	P	05/05/2025	14:47	LB135674
	Chromium	10.3	10.0	103	40 - 160	P	05/05/2025	14:47	LB135674
	Cobalt	29.6	30.0	99	40 - 160	P	05/05/2025	14:47	LB135674
	Copper	22.4	20.0	112	40 - 160	P	05/05/2025	14:47	LB135674
	Iron	93.9	100	94	40 - 160	P	05/05/2025	14:47	LB135674
	Lead	11.2	12.0	93	40 - 160	P	05/05/2025	14:47	LB135674
	Magnesium	2100	2000	105	40 - 160	P	05/05/2025	14:47	LB135674
	Manganese	18.0	20.0	90	40 - 160	P	05/05/2025	14:47	LB135674
	Nickel	39.9	40.0	100	40 - 160	P	05/05/2025	14:47	LB135674
	Potassium	2020	2000	101	40 - 160	P	05/05/2025	14:47	LB135674
	Selenium	22.8	20.0	114	40 - 160	P	05/05/2025	14:47	LB135674
	Silver	10.3	10.0	103	40 - 160	P	05/05/2025	14:47	LB135674
	Sodium	2000	2000	100	40 - 160	P	05/05/2025	14:47	LB135674
	Thallium	42.8	40.0	107	40 - 160	P	05/05/2025	14:47	LB135674
	Vanadium	41.7	40.0	104	40 - 160	P	05/05/2025	14:47	LB135674
	Zinc	42.7	40.0	107	40 - 160	P	05/05/2025	14:47	LB135674
CRI01	Aluminum	102	100	102	40 - 160	P	05/06/2025	15:31	LB135689
	Antimony	50.4	50.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Arsenic	20.3	20.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Barium	89.4	100	89	40 - 160	P	05/06/2025	15:31	LB135689
	Beryllium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Cadmium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Calcium	1950	2000	97	40 - 160	P	05/06/2025	15:31	LB135689
	Chromium	9.54	10.0	95	40 - 160	P	05/06/2025	15:31	LB135689
	Cobalt	28.3	30.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Copper	21.6	20.0	108	40 - 160	P	05/06/2025	15:31	LB135689
	Iron	95.6	100	96	40 - 160	P	05/06/2025	15:31	LB135689
	Lead	10.0	12.0	83	40 - 160	P	05/06/2025	15:31	LB135689

Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	2050	2000	102	40 - 160	P	05/06/2025	15:31	LB135689
	Manganese	19.8	20.0	99	40 - 160	P	05/06/2025	15:31	LB135689
	Nickel	38.6	40.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Potassium	1730	2000	87	40 - 160	P	05/06/2025	15:31	LB135689
	Selenium	22.5	20.0	112	40 - 160	P	05/06/2025	15:31	LB135689
	Silver	9.66	10.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Sodium	1760	2000	88	40 - 160	P	05/06/2025	15:31	LB135689
	Thallium	37.5	40.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Vanadium	39.4	40.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Zinc	39.7	40.0	99	40 - 160	P	05/06/2025	15:31	LB135689

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	240000	255000	94	216000	294000	05/05/2025	14:52	LB135674
	Antimony	-3.42			-50	50	05/05/2025	14:52	LB135674
	Arsenic	4.47			-20	20	05/05/2025	14:52	LB135674
	Barium	0.40	6.0	7	-94	106	05/05/2025	14:52	LB135674
	Beryllium	1.29			-6	6	05/05/2025	14:52	LB135674
	Cadmium	-1.99	1.0	199	-5	7	05/05/2025	14:52	LB135674
	Calcium	226000	245000	92	208000	282000	05/05/2025	14:52	LB135674
	Chromium	53.8	52.0	104	42	62	05/05/2025	14:52	LB135674
	Cobalt	1.10			-30	30	05/05/2025	14:52	LB135674
	Copper	12.1	2.0	605	-18	22	05/05/2025	14:52	LB135674
	Iron	91500	101000	91	85600	116500	05/05/2025	14:52	LB135674
	Lead	-1.42			-12	12	05/05/2025	14:52	LB135674
	Magnesium	242000	255000	95	216000	294000	05/05/2025	14:52	LB135674
	Manganese	1.97	7.0	28	-13	27	05/05/2025	14:52	LB135674
	Nickel	1.16	2.0	58	-38	42	05/05/2025	14:52	LB135674
	Potassium	-11.6			0	0	05/05/2025	14:52	LB135674
	Selenium	-15.2			-20	20	05/05/2025	14:52	LB135674
	Silver	0.79			-10	10	05/05/2025	14:52	LB135674
	Sodium	7.57			0	0	05/05/2025	14:52	LB135674
	Thallium	5.95			-40	40	05/05/2025	14:52	LB135674
	Vanadium	1.94			-40	40	05/05/2025	14:52	LB135674
	Zinc	3.23			-40	40	05/05/2025	14:52	LB135674
ICSAB01	Aluminum	233000	247000	94	209000	285000	05/05/2025	15:07	LB135674
	Antimony	651	618	105	525	711	05/05/2025	15:07	LB135674
	Arsenic	112	104	108	88.4	120	05/05/2025	15:07	LB135674
	Barium	496	537	92	437	637	05/05/2025	15:07	LB135674
	Beryllium	504	495	102	420	570	05/05/2025	15:07	LB135674
	Cadmium	1050	972	108	826	1120	05/05/2025	15:07	LB135674
	Calcium	219000	235000	93	199000	271000	05/05/2025	15:07	LB135674
	Chromium	572	542	106	460	624	05/05/2025	15:07	LB135674
	Cobalt	517	476	109	404	548	05/05/2025	15:07	LB135674
	Copper	520	511	102	434	588	05/05/2025	15:07	LB135674
	Iron	93700	99300	94	84400	114500	05/05/2025	15:07	LB135674
	Lead	48.4	49.0	99	37	61	05/05/2025	15:07	LB135674
	Magnesium	234000	248000	94	210000	286000	05/05/2025	15:07	LB135674
	Manganese	491	507	97	430	584	05/05/2025	15:07	LB135674
	Nickel	1020	954	107	810	1100	05/05/2025	15:07	LB135674
	Potassium	-13.2			0	0	05/05/2025	15:07	LB135674
	Selenium	35.7	46.0	78	26	66	05/05/2025	15:07	LB135674
	Silver	195	201	97	170	232	05/05/2025	15:07	LB135674
	Sodium	-28.0			0	0	05/05/2025	15:07	LB135674
	Thallium	104	108	96	68	148	05/05/2025	15:07	LB135674

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	487	491	99	417	565	05/05/2025	15:07	LB135674
	Zinc	1070	952	112	809	1095	05/05/2025	15:07	LB135674
ICSA01	Aluminum	237000	255000	93	216000	294000	05/06/2025	15:50	LB135689
	Antimony	-1.78			-50	50	05/06/2025	15:50	LB135689
	Arsenic	4.12			-20	20	05/06/2025	15:50	LB135689
	Barium	2.93	6.0	49	-94	106	05/06/2025	15:50	LB135689
	Beryllium	1.32			-6	6	05/06/2025	15:50	LB135689
	Cadmium	-2.60	1.0	260	-5	7	05/06/2025	15:50	LB135689
	Calcium	225000	245000	92	208000	282000	05/06/2025	15:50	LB135689
	Chromium	52.9	52.0	102	42	62	05/06/2025	15:50	LB135689
	Cobalt	0.63			-30	30	05/06/2025	15:50	LB135689
	Copper	-0.0080	2.0		-18	22	05/06/2025	15:50	LB135689
	Iron	91100	101000	90	85600	116500	05/06/2025	15:50	LB135689
	Lead	0.71			-12	12	05/06/2025	15:50	LB135689
	Magnesium	240000	255000	94	216000	294000	05/06/2025	15:50	LB135689
	Manganese	1.70	7.0	24	-13	27	05/06/2025	15:50	LB135689
	Nickel	1.98	2.0	99	-38	42	05/06/2025	15:50	LB135689
	Potassium	-66.1			0	0	05/06/2025	15:50	LB135689
	Selenium	-10.5			-20	20	05/06/2025	15:50	LB135689
	Silver	0.23			-10	10	05/06/2025	15:50	LB135689
	Sodium	-51.3			0	0	05/06/2025	15:50	LB135689
	Thallium	4.79			-40	40	05/06/2025	15:50	LB135689
	Vanadium	1.20			-40	40	05/06/2025	15:50	LB135689
	Zinc	3.59			-40	40	05/06/2025	15:50	LB135689
ICSAB01	Aluminum	230000	247000	93	209000	285000	05/06/2025	15:55	LB135689
	Antimony	641	618	104	525	711	05/06/2025	15:55	LB135689
	Arsenic	114	104	110	88.4	120	05/06/2025	15:55	LB135689
	Barium	512	537	95	437	637	05/06/2025	15:55	LB135689
	Beryllium	505	495	102	420	570	05/06/2025	15:55	LB135689
	Cadmium	1060	972	109	826	1120	05/06/2025	15:55	LB135689
	Calcium	220000	235000	94	199000	271000	05/06/2025	15:55	LB135689
	Chromium	576	542	106	460	624	05/06/2025	15:55	LB135689
	Cobalt	523	476	110	404	548	05/06/2025	15:55	LB135689
	Copper	516	511	101	434	588	05/06/2025	15:55	LB135689
	Iron	94200	99300	95	84400	114500	05/06/2025	15:55	LB135689
	Lead	48.7	49.0	99	37	61	05/06/2025	15:55	LB135689
	Magnesium	232000	248000	94	210000	286000	05/06/2025	15:55	LB135689
	Manganese	507	507	100	430	584	05/06/2025	15:55	LB135689
	Nickel	1040	954	109	810	1100	05/06/2025	15:55	LB135689
	Potassium	-56.0			0	0	05/06/2025	15:55	LB135689
	Selenium	41.3	46.0	90	26	66	05/06/2025	15:55	LB135689
	Silver	195	201	97	170	232	05/06/2025	15:55	LB135689

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
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	-60.0			0	0	05/06/2025	15:55	LB135689
	Thallium	112	108	104	68	148	05/06/2025	15:55	LB135689
	Vanadium	498	491	101	417	565	05/06/2025	15:55	LB135689
	Zinc	1070	952	112	809	1095	05/06/2025	15:55	LB135689



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1945
contract: GENV01 **lab code:** CHEM **case no.:** Q1945 **sas no.:** Q1945
matrix: Water **sample id:** Q1930-01 **client id:** WATER-TREATMENT-DISCHARGEMS
Percent Solids for Sample: NA **Spiked ID:** Q1930-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	14800		14300		1000	52		P
Antimony	ug/L	75 - 125	440		25.0	U	400	110		P
Arsenic	ug/L	75 - 125	428		10.0	U	400	107		P
Barium	ug/L	75 - 125	92.9		50.0	U	100	93		P
Beryllium	ug/L	75 - 125	100		3.00	U	100	100		P
Cadmium	ug/L	75 - 125	107		3.00	U	100	107		P
Calcium	ug/L	75 - 125	8500		8400		500	21		P
Chromium	ug/L	75 - 125	345		156		200	94		P
Cobalt	ug/L	75 - 125	102		15.0	U	100	102		P
Copper	ug/L	75 - 125	151		17.4		150	89		P
Iron	ug/L	75 - 125	2190		668		1500	101		P
Lead	ug/L	75 - 125	492		6.00	U	500	98		P
Magnesium	ug/L	75 - 125	2000		1150		1000	85		P
Manganese	ug/L	75 - 125	99.1		4.86	J	100	94		P
Nickel	ug/L	75 - 125	267		12.9	J	250	101		P
Potassium	ug/L	75 - 125	128000		129000		5000	-38		P
Selenium	ug/L	75 - 125	1120		10.0	U	1000	112		P
Silver	ug/L	75 - 125	42.1		5.00	U	37.5	112		P
Sodium	ug/L	75 - 125	961000		1020000		1500	-4061		P
Thallium	ug/L	75 - 125	907		20.0	U	1000	91		P
Vanadium	ug/L	75 - 125	146		20.0	U	150	97		P
Zinc	ug/L	75 - 125	157		49.2		100	108		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1945
contract: GENV01 **lab code:** CHEM **case no.:** Q1945 **sas no.:** Q1945
matrix: Water **sample id:** Q1930-01 **client id:** WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Sample: NA **Spiked ID:** Q1930-01MSD **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	14000		14300		1000	-23		P
Antimony	ug/L	75 - 125	427		25.0	U	400	107		P
Arsenic	ug/L	75 - 125	436		10.0	U	400	109		P
Barium	ug/L	75 - 125	95.7		50.0	U	100	96		P
Beryllium	ug/L	75 - 125	93.7		3.00	U	100	94		P
Cadmium	ug/L	75 - 125	108		3.00	U	100	108		P
Calcium	ug/L	75 - 125	8260		8400		500	-29		P
Chromium	ug/L	75 - 125	341		156		200	93		P
Cobalt	ug/L	75 - 125	103		15.0	U	100	103		P
Copper	ug/L	75 - 125	152		17.4		150	90		P
Iron	ug/L	75 - 125	2280		668		1500	108		P
Lead	ug/L	75 - 125	495		6.00	U	500	99		P
Magnesium	ug/L	75 - 125	1940		1150		1000	79		P
Manganese	ug/L	75 - 125	106		4.86	J	100	101		P
Nickel	ug/L	75 - 125	269		12.9	J	250	102		P
Potassium	ug/L	75 - 125	128000		129000		5000	-28		P
Selenium	ug/L	75 - 125	1130		10.0	U	1000	113		P
Silver	ug/L	75 - 125	38.4		5.00	U	37.5	102		P
Sodium	ug/L	75 - 125	959000		1020000		1500	-4195		P
Thallium	ug/L	75 - 125	922		20.0	U	1000	92		P
Vanadium	ug/L	75 - 125	148		20.0	U	150	99		P
Zinc	ug/L	75 - 125	151		49.2		100	102		P

metals
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MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1945</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1945</u> sas no.: <u>Q1945</u>
matrix: <u>Water</u>	sample id: <u>Q1945-01</u>	client id: <u>GB1WMS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1945-01MS</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	6.44		4.53		4.0	48	N	CV

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1945</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1945</u> sas no.: <u>Q1945</u>
matrix: <u>Water</u>	sample id: <u>Q1945-01</u>	client id: <u>GB1WMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1945-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	6.37		4.53		4.0	46	N	CV

Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
Matrix: Water **Level:** LOW **Client ID:** GB1WA
Sample ID: Q1945-01 **Spiked ID:** Q1945-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	8.15		4.53		4.00	91		CV

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.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
Matrix: Water **Sample ID:** Q1930-01 **Client ID:** WATER-TREATMENT-DISCHARGEDUP
Percent Solids for Sample: NA **Duplicate ID** Q1930-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14300		14400		1		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	50.0	U	50.0	U			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	8400		8490		1		P
Chromium	ug/L	20	156		159		2		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	17.4		17.4		0		P
Iron	ug/L	20	668		691		3		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	1150		1150		0		P
Manganese	ug/L	20	4.86	J	3.77	J	25		P
Nickel	ug/L	20	12.9	J	12.8	J	1		P
Potassium	ug/L	20	129000		134000		4		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	1020000		1050000		3		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	49.2		49.8		1		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945
Matrix: Water **Sample ID:** Q1930-01MS **Client ID:** WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Sample: NA **Duplicate ID** Q1930-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14800		14000		6		P
Antimony	ug/L	20	440		427		3		P
Arsenic	ug/L	20	428		436		2		P
Barium	ug/L	20	92.9		95.7		3		P
Beryllium	ug/L	20	100		93.7		7		P
Cadmium	ug/L	20	107		108		1		P
Calcium	ug/L	20	8500		8260		3		P
Chromium	ug/L	20	345		341		1		P
Cobalt	ug/L	20	102		103		1		P
Copper	ug/L	20	151		152		1		P
Iron	ug/L	20	2190		2280		4		P
Lead	ug/L	20	492		495		1		P
Magnesium	ug/L	20	2000		1940		3		P
Manganese	ug/L	20	99.1		106		7		P
Nickel	ug/L	20	267		269		1		P
Potassium	ug/L	20	128000		128000		0		P
Selenium	ug/L	20	1120		1130		1		P
Silver	ug/L	20	42.1		38.4		9		P
Sodium	ug/L	20	961000		959000		0		P
Thallium	ug/L	20	907		922		2		P
Vanadium	ug/L	20	146		148		1		P
Zinc	ug/L	20	157		151		4		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1945</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1945</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1945-01</u>	Client ID:	<u>GB1WDUP</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>Q1945-01DUP</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	4.53		4.52		0		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1945</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1945</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1945-01MS</u>	Client ID:	<u>GB1WMSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1945-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	6.44		6.37		1		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1945
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167858BS							
Aluminum	ug/L	1000	869		87	80 - 120	P
Antimony	ug/L	400	379		95	80 - 120	P
Arsenic	ug/L	400	370		92	80 - 120	P
Barium	ug/L	100	87.2		87	80 - 120	P
Beryllium	ug/L	100	85.5		86	80 - 120	P
Cadmium	ug/L	100	92.1		92	80 - 120	P
Calcium	ug/L	500	448	J	90	80 - 120	P
Chromium	ug/L	200	183		92	80 - 120	P
Cobalt	ug/L	100	89.4		89	80 - 120	P
Copper	ug/L	150	140		93	80 - 120	P
Iron	ug/L	1500	1400		93	80 - 120	P
Lead	ug/L	500	457		91	80 - 120	P
Magnesium	ug/L	1000	866	J	87	80 - 120	P
Manganese	ug/L	100	89.5		90	80 - 120	P
Nickel	ug/L	250	228		91	80 - 120	P
Potassium	ug/L	5000	4510		90	80 - 120	P
Selenium	ug/L	1000	937		94	80 - 120	P
Silver	ug/L	37.5	34.0		91	80 - 120	P
Sodium	ug/L	1500	1370		91	80 - 120	P
Thallium	ug/L	1000	916		92	80 - 120	P
Vanadium	ug/L	150	134		89	80 - 120	P
Zinc	ug/L	100	91.9		92	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q1945

Contract: GENV01

Lab Code: CHEM

Case No.: Q1945

SAS No.: Q1945

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167866BS Mercury	ug/L	4.0	3.72		93	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT-DISCHARGEL

Lab Name: Chemtech Consulting Group **Contract:** GENV01
Lab Code: CHEM **Lb No.:** lb135674 **Lab Sample ID :** Q1930-01L **SDG No.:** Q1945
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	14300		13700		4		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	8400		8230		2		P
Chromium	156		151		3		P
Cobalt	15.0	U	75.0	U			P
Copper	17.4		17.4	J	0		P
Iron	668		594		11		P
Lead	6.00	U	30.0	U			P
Magnesium	1150		1170	J	2		P
Manganese	4.86	J	50.0	U	100.0		P
Nickel	12.9	J	12.4	J	4		P
Potassium	129000		109000		16		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	1020000		958000		6		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	49.2		42.9	J	13		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

GB1WL

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM Lb No.: lb135662 Lab Sample ID : Q1945-01L SDG No.: Q1945

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	4.53	4.40	3		CV

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1945 **Sas no.:** Q1945 **Sdg no.:** Q1945

Instrument id number: **Method:** **Run number:** LB135662

Start date: 05/05/2025 **End date:** 05/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1059	HG
S0.2	S0.2	1	1101	HG
S2.5	S2.5	1	1103	HG
S5	S5	1	1106	HG
S7.5	S7.5	1	1108	HG
S10	S10	1	1113	HG
ICV114	ICV114	1	1116	HG
ICB114	ICB114	1	1118	HG
CCV71	CCV71	1	1125	HG
CCB71	CCB71	1	1130	HG
CRA	CRA	1	1133	HG
CCV72	CCV72	1	1158	HG
CCB72	CCB72	1	1203	HG
CCV73	CCV73	1	1228	HG
CCB73	CCB73	1	1238	HG
PB167866BL	PB167866BL	1	1252	HG
PB167866BS	PB167866BS	1	1254	HG
Q1945-01	GB1W	1	1301	HG
CCV74	CCV74	1	1303	HG
CCB74	CCB74	1	1306	HG
Q1945-01DUP	GB1WDUP	1	1317	HG
Q1945-01MS	GB1WMS	1	1319	HG
Q1945-01MSD	GB1WMSD	1	1321	HG
Q1945-01L	GB1WL	5	1336	HG
Q1945-01A	GB1WA	1	1339	HG
CCV75	CCV75	1	1341	HG
CCB75	CCB75	1	1343	HG
CCV76	CCV76	1	1352	HG
CCB76	CCB76	1	1355	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1945 **Sas no.:** Q1945 **Sdg no.:** Q1945

Instrument id number: **Method:** **Run number:** LB135674

Start date: 05/05/2025 **End date:** 05/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1302	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	1307	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	1311	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	1315	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	1319	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	1324	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	1418	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	1436	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	1441	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	1447	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	1452	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	1507	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	1520	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	1526	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	1607	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	1612	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	1656	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	1700	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	1755	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	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167858BL	PB167858BL	1	1822	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167858BS	PB167858BS	1	1827	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	1843	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	1847	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	1932	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	1937	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	2019	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	2023	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	2107	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	2112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1945-01	GB1W	1	2151	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V
CCV09	CCV09	1	2159	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	2203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01DUP	WATER-TREATMENT-DISCH/	1	2212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01L	WATER-TREATMENT-DISCH/	5	2216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01MS	WATER-TREATMENT-DISCH/	1	2221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01MSD	WATER-TREATMENT-DISCH/	1	2225	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	2233	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	2237	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.:** Q1945 **Sas no.:** Q1945 **Sdg no.:** Q1945

Instrument id number: **Method:** **Run number:** LB135689

Start date: 05/06/2025 **End date:** 05/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1343	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	1348	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	1352	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	1356	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	1401	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	1405	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	1447	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	1522	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	1527	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	1531	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	1550	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	1555	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	1629	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	1634	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	1715	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	1720	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	1808	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	1813	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	1916	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	1920	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	2001	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	2006	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1945-01	GB1W	10	2018	Zn
CCV06	CCV06	1	2031	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	2035	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 INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1945

Contract: GENV01

Lab Code: CHEM

Case No.: Q1945

SAS No.: Q1945

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 INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1945

Contract: GENV01

Lab Code: CHEM

Case No.: Q1945

SAS No.: Q1945

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1945

Contract: GENV01

Lab Code: CHEM

Case No.: Q1945

SAS No.: Q1945

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.: Q1945

Contract: GENV01

Lab Code: CHEM

Case No.: Q1945

SAS No.: Q1945

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 INTERELEMEN CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1945

Contract: GENV01

Lab Code: CHEM

Case No.: Q1945

SAS No.: Q1945

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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:	Q1945	OrderDate:	5/2/2025 11:14:00 AM
Client:	G Environmental	Project:	Amsterdam
Contact:	Gary Landis	Location:	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1945-01	GB1W	Water			05/02/25	05/05/25	05/05/25	05/02/25
			Mercury	7470A				
			Metals ICP-TAL	6010D				
			Metals ICP-TAL	6010D				



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1945</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1945</u>
		SAS No.:	<u>Q1945</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167858							
PB167858BL	PB167858BL	MB	WATER	05/05/2025	50.0	25.0	
PB167858BS	PB167858BS	LCS	WATER	05/05/2025	50.0	25.0	
Q1930-01DUP	WATER-TREATMENT-DISCHARGEDUP	DUP	WATER	05/05/2025	50.0	25.0	
Q1930-01MS	WATER-TREATMENT-DISCHARGEMS	MS	WATER	05/05/2025	50.0	25.0	
Q1930-01MSD	WATER-TREATMENT-DISCHARGEMSD	MSD	WATER	05/05/2025	50.0	25.0	
Q1945-01	GB1W	SAM	WATER	05/05/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1945</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1945</u>
		SAS No.:	<u>Q1945</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167866							
PB167866BL	PB167866BL	MB	WATER	05/05/2025	30.0	30.0	
PB167866BS	PB167866BS	LCS	WATER	05/05/2025	30.0	30.0	
Q1945-01	GB1W	SAM	WATER	05/05/2025	30.0	30.0	
Q1945-01DUP	GB1WDUP	DUP	WATER	05/05/2025	30.0	30.0	
Q1945-01MS	GB1WMS	MS	WATER	05/05/2025	30.0	30.0	
Q1945-01MSD	GB1WMSD	MSD	WATER	05/05/2025	30.0	30.0	

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535		
ICV Standard	MP85536		
CCV Standard	MP85538		
ICSA Standard			
CRI Standard	MP85540		
LCS Standard			
Chk Standard	MP85537,MP85539,MP85541,MP85543		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/05/25 10:59		mohan	OK
2	S0.2	S0.2	CAL2	05/05/25 11:01		mohan	OK
3	S2.5	S2.5	CAL3	05/05/25 11:03		mohan	OK
4	S5	S5	CAL4	05/05/25 11:06		mohan	OK
5	S7.5	S7.5	CAL5	05/05/25 11:08		mohan	OK
6	S10	S10	CAL6	05/05/25 11:13		mohan	OK
7	ICV114	ICV114	ICV	05/05/25 11:16		mohan	OK
8	ICB114	ICB114	ICB	05/05/25 11:18		mohan	OK
9	CCV71	CCV71	CCV	05/05/25 11:25		mohan	OK
10	CCB71	CCB71	CCB	05/05/25 11:30		mohan	OK
11	CRA	CRA	CRDL	05/05/25 11:33		mohan	OK
12	HighStd	HighStd	HIGH STD	05/05/25 11:35		mohan	OK
13	ChkStd	ChkStd	SAM	05/05/25 11:37		mohan	OK
14	PB167839BL	PB167839BL	MB	05/05/25 11:42		mohan	OK
15	PB167839BS	PB167839BS	LCS	05/05/25 11:44		mohan	OK
16	Q1916-04	WC-12	SAM	05/05/25 11:47		mohan	OK
17	Q1917-04	MH-JJ	SAM	05/05/25 11:49		mohan	OK
18	Q1922-04	MH-R	SAM	05/05/25 11:51		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535		
ICV Standard	MP85536		
CCV Standard	MP85538		
ICSA Standard			
CRI Standard	MP85540		
LCS Standard			
Chk Standard	MP85537,MP85539,MP85541,MP85543		

19	Q1922-08	MH-S	SAM	05/05/25 11:53		mohan	OK
20	Q1925-01	AUD-25-0068	SAM	05/05/25 11:56		mohan	OK
21	CCV72	CCV72	CCV	05/05/25 11:58		mohan	OK
22	CCB72	CCB72	CCB	05/05/25 12:03		mohan	OK
23	Q1925-02	AUD-25-0069	SAM	05/05/25 12:05		mohan	OK
24	Q1925-03	AUD-25-0070	SAM	05/05/25 12:07		mohan	OK
25	Q1928-04	MH-Q	SAM	05/05/25 12:10		mohan	OK
26	Q1929-03	WC-A4-02-C	SAM	05/05/25 12:12		mohan	OK
27	Q1929-07	WC-A1-03-C	SAM	05/05/25 12:14		mohan	OK
28	Q1929-11	WC-A1-04-C	SAM	05/05/25 12:16		mohan	OK
29	Q1932-02	COMP-4	SAM	05/05/25 12:19		mohan	OK
30	Q1932-04	COMP-5	SAM	05/05/25 12:21		mohan	OK
31	Q1932-06	COMP-6	SAM	05/05/25 12:23		mohan	OK
32	Q1932-08	COMP-7	SAM	05/05/25 12:26		mohan	OK
33	CCV73	CCV73	CCV	05/05/25 12:28		mohan	OK
34	CCB73	CCB73	CCB	05/05/25 12:38		mohan	OK
35	Q1935-04	MH-NN	SAM	05/05/25 12:40		mohan	OK
36	Q1935-08	MH-MM	SAM	05/05/25 12:43		mohan	OK
37	Q1935-08DUP	MH-MMDUP	DUP	05/05/25 12:45		mohan	OK
38	Q1935-08MS	MH-MMMS	MS	05/05/25 12:47		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535		
ICV Standard	MP85536		
CCV Standard	MP85538		
ICSA Standard			
CRI Standard	MP85540		
LCS Standard			
Chk Standard	MP85537,MP85539,MP85541,MP85543		

39	Q1935-08MSD	MH-MMMSD	MSD	05/05/25 12:50		mohan	OK
40	PB167866BL	PB167866BL	MB	05/05/25 12:52		mohan	OK
41	PB167866BS	PB167866BS	LCS	05/05/25 12:54		mohan	OK
42	Q1944-02	CITY-WATER	SAM	05/05/25 12:56		mohan	OK
43	Q1944-03	CHILLER-WATER	SAM	05/05/25 12:59		mohan	OK
44	Q1945-01	GB1W	SAM	05/05/25 13:01		mohan	OK
45	CCV74	CCV74	CCV	05/05/25 13:03		mohan	OK
46	CCB74	CCB74	CCB	05/05/25 13:06		mohan	OK
47	Q1945-01DUP	GB1WDUP	DUP	05/05/25 13:17		mohan	OK
48	Q1945-01MS	GB1WMS	MS	05/05/25 13:19		mohan	OK
49	Q1945-01MSD	GB1WMSD	MSD	05/05/25 13:21		mohan	OK
50	Q1956-07	FB-05022025	SAM	05/05/25 13:24		mohan	OK
51	PB167815TB	PB167815TB	MB	05/05/25 13:26		mohan	OK
52	Q1935-08L	MH-MML	SD	05/05/25 13:28		mohan	OK
53	Q1935-08A	MH-MMA	PS	05/05/25 13:31		mohan	OK
54	Q1945-01L	GB1WL	SD	05/05/25 13:36		mohan	OK
55	Q1945-01A	GB1WA	PS	05/05/25 13:39		mohan	OK
56	CCV75	CCV75	CCV	05/05/25 13:41		mohan	OK
57	CCB75	CCB75	CCB	05/05/25 13:43		mohan	OK
58	Q1913-01	WC-12-S-202504	SAM	05/05/25 13:45		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535		
ICV Standard	MP85536		
CCV Standard	MP85538		
ICSA Standard			
CRI Standard	MP85540		
LCS Standard			
Chk Standard	MP85537,MP85539,MP85541,MP85543		

59	Q1913-03	WC-13-S-202504	SAM	05/05/25 13:48		mohan	OK
60	PB167774TB	PB167774TB	MB	05/05/25 13:50		mohan	OK
61	CCV76	CCV76	CCV	05/05/25 13:52		mohan	OK
62	CCB76	CCB76	CCB	05/05/25 13:55		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard			
LCS Standard			
Chk Standard	MP85557,MP85558		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/05/25 13:02		Kareem	OK
2	S1	S1	CAL2	05/05/25 13:07		Kareem	OK
3	S2	S2	CAL3	05/05/25 13:11		Kareem	OK
4	S3	S3	CAL4	05/05/25 13:15		Kareem	OK
5	S4	S4	CAL5	05/05/25 13:19		Kareem	OK
6	S5	S5	CAL6	05/05/25 13:24		Kareem	OK
7	ICV01	ICV01	ICV	05/05/25 14:18		Kareem	OK
8	LLICV01	LLICV01	LLICV	05/05/25 14:36		Kareem	OK
9	ICB01	ICB01	ICB	05/05/25 14:41		Kareem	OK
10	CRI01	CRI01	CRDL	05/05/25 14:47		Kareem	OK
11	ICSA01	ICSA01	ICSA	05/05/25 14:52		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	05/05/25 15:07		Kareem	OK
13	ICSADL	ICSADL	ICSA	05/05/25 15:11		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	05/05/25 15:16		Kareem	OK
15	CCV01	CCV01	CCV	05/05/25 15:20		Kareem	OK
16	CCB01	CCB01	CCB	05/05/25 15:26		Kareem	OK
17	Q1916-01	WC-12	SAM	05/05/25 15:30		Kareem	OK
18	Q1917-01	MH-JJ	SAM	05/05/25 15:35		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard			
LCS Standard			
Chk Standard	MP85557,MP85558		

19	Q1923-01	TR-05-04302025	SAM	05/05/25 15:39		Kareem	OK
20	Q1923-01DUP	TR-05-04302025DUP	DUP	05/05/25 15:43		Kareem	OK
21	Q1923-01L	TR-05-04302025L	SD	05/05/25 15:47		Kareem	OK
22	Q1923-01MS	TR-05-04302025MS	MS	05/05/25 15:51		Kareem	OK
23	Q1923-01MSD	TR-05-04302025MSD	MSD	05/05/25 15:55		Kareem	OK
24	Q1923-01A	TR-05-04302025A	PS	05/05/25 15:59		Kareem	OK
25	Q1944-01	MELTED-RUBBER-S	SAM	05/05/25 16:03		Kareem	OK
26	CCV02	CCV02	CCV	05/05/25 16:07		Kareem	OK
27	CCB02	CCB02	CCB	05/05/25 16:12		Kareem	OK
28	Q1865-08	SOM-25-00051	SAM	05/05/25 16:16		Kareem	OK
29	Q1916-04	WC-12	SAM	05/05/25 16:20		Kareem	OK
30	Q1906-04	WC-4	SAM	05/05/25 16:25		Kareem	OK
31	Q1944-02	CITY-WATER	SAM	05/05/25 16:29		Kareem	OK
32	Q1944-03DL	CHILLER-WATERDL	SAM	05/05/25 16:33	Straight 5x for all elements	Kareem	OK
33	Q1913-01	WC-12-S-202504	SAM	05/05/25 16:38		Kareem	OK
34	Q1913-03	WC-13-S-202504	SAM	05/05/25 16:42	MS/MSD fail for many parameters	Kareem	Not Ok
35	Q1913-03DUP	WC-13-S-202504DUP	DUP	05/05/25 16:47	MS/MSD fail for many parameters	Kareem	Not Ok
36	Q1913-03L	WC-13-S-202504L	SD	05/05/25 16:51	MS/MSD fail for many parameters	Kareem	Not Ok
37	CCV03	CCV03	CCV	05/05/25 16:56		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard			
LCS Standard			
Chk Standard	MP85557,MP85558		

38	CCB03	CCB03	CCB	05/05/25 17:00		Kareem	OK
39	Q1913-03MS	WC-13-S-202504MS	MS	05/05/25 17:04	MS/MSD fail for many parameters	Kareem	Not Ok
40	Q1913-03MSD	WC-13-S-202504MSD	MSD	05/05/25 17:08	MS/MSD fail for many parameters	Kareem	Not Ok
41	Q1913-03A	WC-13-S-202504A	PS	05/05/25 17:13	MS/MSD fail for many parameters	Kareem	Not Ok
42	PB167837BL	PB167837BL	MB	05/05/25 17:17		Kareem	OK
43	PB167815TB	PB167815TB	MB	05/05/25 17:31		Kareem	OK
44	PB167837BS	PB167837BS	LCS	05/05/25 17:36		Kareem	OK
45	PB167817BL	PB167817BL	MB	05/05/25 17:41		Kareem	OK
46	PB167817BS	PB167817BS	LCS	05/05/25 17:46		Kareem	OK
47	PB167832BL	PB167832BL	MB	05/05/25 17:51		Kareem	OK
48	CCV04	CCV04	CCV	05/05/25 17:55		Kareem	OK
49	CCB04	CCB04	CCB	05/05/25 17:59		Kareem	OK
50	PB167832BS	PB167832BS	LCS	05/05/25 18:04		Kareem	OK
51	PB167868BL	PB167868BL	MB	05/05/25 18:10		Kareem	OK
52	PB167868BS	PB167868BS	LCS	05/05/25 18:14		Kareem	OK
53	PB167774TB	PB167774TB	MB	05/05/25 18:18		Kareem	OK
54	PB167858BL	PB167858BL	MB	05/05/25 18:22		Kareem	OK
55	PB167858BS	PB167858BS	LCS	05/05/25 18:27		Kareem	OK
56	Q1922-01	MH-R	SAM	05/05/25 18:31		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard			
LCS Standard			
Chk Standard	MP85557,MP85558		

57	Q1922-05	MH-S	SAM	05/05/25 18:35		Kareem	OK
58	Q1928-01	MH-Q	SAM	05/05/25 18:39		Kareem	OK
59	CCV05	CCV05	CCV	05/05/25 18:43		Kareem	OK
60	CCB05	CCB05	CCB	05/05/25 18:47		Kareem	OK
61	Q1932-01	COMP-4	SAM	05/05/25 18:52	CCV fail for Be,Mg	Kareem	Not Ok
62	Q1932-03	COMP-5	SAM	05/05/25 18:56	CCV fail for Be,Mg	Kareem	Not Ok
63	Q1932-05	COMP-6	SAM	05/05/25 19:00	CCV fail for Be,Mg	Kareem	Not Ok
64	Q1932-07	COMP-7	SAM	05/05/25 19:04	CCV fail for Be,Mg	Kareem	Not Ok
65	Q1933-01	OK-01-050125	SAM	05/05/25 19:08	CCV fail for Be,Mg	Kareem	Not Ok
66	Q1933-01DUP	OK-01-050125DUP	DUP	05/05/25 19:12	CCV fail for Be,Mg	Kareem	Not Ok
67	Q1933-01L	OK-01-050125L	SD	05/05/25 19:16	CCV fail for Be,Mg	Kareem	Not Ok
68	Q1933-01MS	OK-01-050125MS	MS	05/05/25 19:20	CCV fail for Be,Mg	Kareem	Not Ok
69	Q1933-01MSD	OK-01-050125MSD	MSD	05/05/25 19:24	CCV fail for Be,Mg	Kareem	Not Ok
70	Q1933-01A	OK-01-050125A	PS	05/05/25 19:28	CCV fail for Be,Mg	Kareem	Not Ok
71	CCV06	CCV06	CCV	05/05/25 19:32	CCV fail for Be,Mg	Kareem	OK
72	CCB06	CCB06	CCB	05/05/25 19:37		Kareem	OK
73	Q1939-05	GB3	SAM	05/05/25 19:41	CCV fail for Be,Mg	Kareem	Not Ok
74	Q1935-01	MH-NN	SAM	05/05/25 19:45	CCV fail for Be,Mg	Kareem	Not Ok
75	Q1935-05	MH-MM	SAM	05/05/25 19:49	CCV fail for Be,Mg	Kareem	Not Ok
76	Q1939-01	GB1	SAM	05/05/25 19:53	CCV fail for Be,Mg	Kareem	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard			
LCS Standard			
Chk Standard	MP85557,MP85558		

77	Q1939-03	GB2	SAM	05/05/25 19:57	CCV fail for Be,Mg	Kareem	Not Ok
78	Q1917-04	MH-JJ	SAM	05/05/25 20:01		Kareem	OK
79	Q1922-04	MH-R	SAM	05/05/25 20:06		Kareem	OK
80	Q1922-08	MH-S	SAM	05/05/25 20:10		Kareem	OK
81	Q1925-01	AUD-25-0068	SAM	05/05/25 20:15		Kareem	OK
82	CCV07	CCV07	CCV	05/05/25 20:19		Kareem	OK
83	CCB07	CCB07	CCB	05/05/25 20:23		Kareem	OK
84	Q1925-02	AUD-25-0069	SAM	05/05/25 20:28		Kareem	OK
85	Q1925-03	AUD-25-0070	SAM	05/05/25 20:32		Kareem	OK
86	Q1928-04	MH-Q	SAM	05/05/25 20:36		Kareem	OK
87	Q1929-03	WC-A4-02-C	SAM	05/05/25 20:41		Kareem	OK
88	Q1929-07	WC-A1-03-C	SAM	05/05/25 20:45		Kareem	OK
89	Q1929-11	WC-A1-04-C	SAM	05/05/25 20:50		Kareem	OK
90	Q1932-02	COMP-4	SAM	05/05/25 20:54		Kareem	OK
91	Q1932-04	COMP-5	SAM	05/05/25 20:59		Kareem	OK
92	Q1932-06	COMP-6	SAM	05/05/25 21:03		Kareem	OK
93	CCV08	CCV08	CCV	05/05/25 21:07		Kareem	OK
94	CCB08	CCB08	CCB	05/05/25 21:12		Kareem	OK
95	Q1932-08	COMP-7	SAM	05/05/25 21:16		Kareem	OK
96	Q1935-04	MH-NN	SAM	05/05/25 21:20		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard			
LCS Standard			
Chk Standard	MP85557,MP85558		

97	Q1935-08	MH-MM	SAM	05/05/25 21:25		Kareem	OK
98	Q1935-08DUP	MH-MMDUP	DUP	05/05/25 21:29		Kareem	OK
99	Q1935-08L	MH-MML	SD	05/05/25 21:34		Kareem	OK
100	Q1935-08MS	MH-MMMS	MS	05/05/25 21:38		Kareem	OK
101	Q1935-08MSD	MH-MMMSD	MSD	05/05/25 21:42		Kareem	OK
102	Q1935-08A	MH-MMA	PS	05/05/25 21:46		Kareem	OK
103	Q1945-01	GB1W	SAM	05/05/25 21:51	Zn high	Kareem	Dilution
104	Q1956-07	FB-05022025	SAM	05/05/25 21:55		Kareem	OK
105	CCV09	CCV09	CCV	05/05/25 21:59		Kareem	OK
106	CCB09	CCB09	CCB	05/05/25 22:03		Kareem	OK
107	Q1930-01	WATER-TREATMENT	SAM	05/05/25 22:08		Kareem	OK
108	Q1930-01DUP	WATER-TREATMENT	DUP	05/05/25 22:12		Kareem	OK
109	Q1930-01L	WATER-TREATMENT	SD	05/05/25 22:16		Kareem	OK
110	Q1930-01MS	WATER-TREATMENT	MS	05/05/25 22:21		Kareem	OK
111	Q1930-01MSD	WATER-TREATMENT	MSD	05/05/25 22:25		Kareem	OK
112	Q1930-01A	WATER-TREATMENT	PS	05/05/25 22:29		Kareem	OK
113	CCV10	CCV10	CCV	05/05/25 22:33		Kareem	OK
114	CCB10	CCB10	CCB	05/05/25 22:37		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/06/25 13:43		Kareem	OK
2	S1	S1	CAL2	05/06/25 13:48		Kareem	OK
3	S2	S2	CAL3	05/06/25 13:52		Kareem	OK
4	S3	S3	CAL4	05/06/25 13:56		Kareem	OK
5	S4	S4	CAL5	05/06/25 14:01		Kareem	OK
6	S5	S5	CAL6	05/06/25 14:05		Kareem	OK
7	ICV01	ICV01	ICV	05/06/25 14:47		Kareem	OK
8	LLICV01	LLICV01	LLICV	05/06/25 15:22		Kareem	OK
9	ICB01	ICB01	ICB	05/06/25 15:27		Kareem	OK
10	CRI01	CRI01	CRDL	05/06/25 15:31		Kareem	OK
11	ICSA01	ICSA01	ICSA	05/06/25 15:50		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	05/06/25 15:55		Kareem	OK
13	ICSADL	ICSADL	ICSA	05/06/25 15:59		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	05/06/25 16:03		Kareem	OK
15	CCV01	CCV01	CCV	05/06/25 16:29		Kareem	OK
16	CCB01	CCB01	CCB	05/06/25 16:34		Kareem	OK
17	Q1948-01	001-WILLETS-PT-BL	SAM	05/06/25 16:38		Kareem	OK
18	Q1948-02	002-35TH-AVE(APR)	SAM	05/06/25 16:42		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

19	Q1932-01	COMP-4	SAM	05/06/25 16:47		Kareem	OK
20	Q1932-03	COMP-5	SAM	05/06/25 16:51		Kareem	OK
21	Q1932-05	COMP-6	SAM	05/06/25 16:55		Kareem	OK
22	Q1932-07	COMP-7	SAM	05/06/25 16:59		Kareem	OK
23	Q1933-01	OK-01-050125	SAM	05/06/25 17:03		Kareem	OK
24	Q1933-01DUP	OK-01-050125DUP	DUP	05/06/25 17:07		Kareem	OK
25	Q1933-01L	OK-01-050125L	SD	05/06/25 17:11		Kareem	OK
26	CCV02	CCV02	CCV	05/06/25 17:15		Kareem	OK
27	CCB02	CCB02	CCB	05/06/25 17:20		Kareem	OK
28	Q1933-01MS	OK-01-050125MS	MS	05/06/25 17:24		Kareem	OK
29	Q1933-01MSD	OK-01-050125MSD	MSD	05/06/25 17:28		Kareem	OK
30	Q1933-01A	OK-01-050125A	PS	05/06/25 17:32		Kareem	OK
31	Q1913-03	WC-13-S-202504	SAM	05/06/25 17:43		Kareem	OK
32	Q1913-03DUP	WC-13-S-202504DUP	DUP	05/06/25 17:47		Kareem	OK
33	Q1913-03L	WC-13-S-202504L	SD	05/06/25 17:51		Kareem	OK
34	Q1913-03MS	WC-13-S-202504MS	MS	05/06/25 17:56		Kareem	OK
35	Q1913-03MSD	WC-13-S-202504MSD	MSD	05/06/25 18:00		Kareem	OK
36	Q1913-03A	WC-13-S-202504A	PS	05/06/25 18:04		Kareem	OK
37	CCV03	CCV03	CCV	05/06/25 18:08		Kareem	OK
38	CCB03	CCB03	CCB	05/06/25 18:13		Kareem	OK

Instrument ID: P4

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Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

39	PB167860BL	PB167860BL	MB	05/06/25 18:17		Kareem	OK
40	PB167860BS	PB167860BS	LCS	05/06/25 18:21		Kareem	OK
41	PB167781BL	PB167781BL	MB	05/06/25 18:25		Kareem	OK
42	PB167781BS	PB167781BS	LCS	05/06/25 18:37		Kareem	OK
43	PB167757BL	PB167757BL	MB	05/06/25 18:41		Kareem	OK
44	PB167757BS	PB167757BS	LCS	05/06/25 19:01		Kareem	OK
45	Q1949-01	001-WILLETS-PT-BL	SAM	05/06/25 19:05		Kareem	OK
46	CCV04	CCV04	CCV	05/06/25 19:16		Kareem	OK
47	CCB04	CCB04	CCB	05/06/25 19:20		Kareem	OK
48	Q1949-04	002-35TH-AVE(MAY)	SAM	05/06/25 19:24		Kareem	OK
49	Q1949-04DUP	002-35TH-AVE(MAY)	DUP	05/06/25 19:29		Kareem	OK
50	Q1949-04L	002-35TH-AVE(MAY)	SD	05/06/25 19:33		Kareem	OK
51	Q1949-04MS	002-35TH-AVE(MAY)	MS	05/06/25 19:37		Kareem	OK
52	Q1949-04MSD	002-35TH-AVE(MAY)	MSD	05/06/25 19:41		Kareem	OK
53	Q1949-04A	002-35TH-AVE(MAY)	PS	05/06/25 19:45		Kareem	OK
54	Q1939-05	GB3	SAM	05/06/25 19:49	Zn high	Kareem	Dilution
55	Q1935-01	MH-NN	SAM	05/06/25 19:53		Kareem	OK
56	Q1935-05	MH-MM	SAM	05/06/25 19:57		Kareem	OK
57	CCV05	CCV05	CCV	05/06/25 20:01		Kareem	OK
58	CCB05	CCB05	CCB	05/06/25 20:06		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

59	Q1939-01	GB1	SAM	05/06/25 20:10		Kareem	OK
60	Q1939-03	GB2	SAM	05/06/25 20:14		Kareem	OK
61	Q1945-01DL	GB1WDL	SAM	05/06/25 20:18	10x for Zn	Kareem	Confirms
62	Q1946-01	BB-CONCRETE	SAM	05/06/25 20:22		Kareem	OK
63	Q1961-01	EO-01-050525	SAM	05/06/25 20:27		Kareem	OK
64	CCV06	CCV06	CCV	05/06/25 20:31		Kareem	OK
65	CCB06	CCB06	CCB	05/06/25 20:35		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: 05/05/2025 Time : 11:05 Temp : 96 °C

End Digest Date: 05/05/2025 Time : 14:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6005
LFS-2	0.25	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/05/25 13:10	<i>[Signature]</i> SPS.met.dig	<i>[Signature]</i> Metal Lab
	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
PB167858BL	PBW858	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167858BS	LCS858	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	2
Q1930-01MS	WATER-TREATMENT-DISCHA RGEMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	5
Q1930-01MSD	WATER-TREATMENT-DISCHA RGEMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	6
Q1930-01DUP	WATER-TREATMENT-DISCHA RGEDUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q1930-01	WATER-TREATMENT-DISCHA RGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q1944-02	CITY-WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q1944-03	CHILLER-WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q1945-01	GB1W	<2	50	25	Brown	light Brown	Clear	Clear	N/A	9
Q1956-07	FB-05022025	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10

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: 05/05/2025 Time : 07:20 Temp : 93 °C

End Digest Date: 05/05/2025 Time : 09:20 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 93°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85536
CCV	30mL	MP85538
CRA	30mL	MP85540
Blank Spike	0.48mL	MP85529
Matrix Spike	0.48mL	MP85529

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP85240
KMnO4 (5%)	4.5mL	MP85241
K2S2O8 (5%)	2.5mL	MP85242
Hydroxylamine HCL (12%)	2.0mL	MP85243
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	MP85530
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85531
2.5 ppb	S2.5	30mL	MP85532
5.0 ppb	S5.0	30mL	MP85533
7.5 ppb	S7.5	30mL	MP85534
10.0 ppb	S10.0	30mL	MP85535
ICV	ICV	30mL	MP85536
ICB	ICB	30mL	MP85537
CCV	CCV	30mL	MP85538
CCB	CCB	30mL	MP85539
CRI	CRI	30mL	MP85540
CHK STD	CHK STD	30mL	MP85541

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/5/25 @ 10:15	MB - Dig Lab	MB - Prep Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167866BL	PBW866	30	30	<2	N/A	3-37
PB167866BS	LCS866	30	30	<2	MP85529	38
Q1944-02	CITY-WATER	30	30	<2	N/A	39
Q1944-03	CHILLER-WATER	30	30	<2	N/A	40
Q1945-01	GB1W	30	30	<2	N/A	41
Q1945-01DUP	GB1WDUP	30	30	<2	N/A	42
Q1945-01MS	GB1WMS	30	30	<2	MP85529	43
Q1945-01MSD	GB1WMSD	30	30	<2	MP85529	44
Q1956-07	FB-05022025	30	30	<2	N/A	45