

Hit Summary Sheet SW-846

SDG No.: Q1574 **Order ID:** Q1574
Client: G Environmental **Project ID:** Ave L

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q1574-01	WC1	SOIL	Aluminum	7830		2.11	4.38	mg/Kg
Q1574-01	WC1	SOIL	Antimony	23.9		0.13	2.19	mg/Kg
Q1574-01	WC1	SOIL	Arsenic	112		0.25	0.88	mg/Kg
Q1574-01	WC1	SOIL	Barium	267		0.56	4.38	mg/Kg
Q1574-01	WC1	SOIL	Beryllium	1.58		0.011	0.26	mg/Kg
Q1574-01	WC1	SOIL	Cadmium	13.9		0.014	0.26	mg/Kg
Q1574-01	WC1	SOIL	Calcium	7580		2.45	87.6	mg/Kg
Q1574-01	WC1	SOIL	Chromium	118	D	0.95	8.76	mg/Kg
Q1574-01	WC1	SOIL	Cobalt	39.8		0.051	1.31	mg/Kg
Q1574-01	WC1	SOIL	Copper	42300	D	8.23	17.5	mg/Kg
Q1574-01	WC1	SOIL	Iron	140000	D	47.1	87.6	mg/Kg
Q1574-01	WC1	SOIL	Lead	1590		0.13	0.53	mg/Kg
Q1574-01	WC1	SOIL	Magnesium	2890		3.00	87.6	mg/Kg
Q1574-01	WC1	SOIL	Manganese	491		0.062	0.88	mg/Kg
Q1574-01	WC1	SOIL	Mercury	18.7	D	0.36	0.64	mg/Kg
Q1574-01	WC1	SOIL	Nickel	1420		0.079	1.75	mg/Kg
Q1574-01	WC1	SOIL	Potassium	736		25.1	87.6	mg/Kg
Q1574-01	WC1	SOIL	Silver	28.9	D	0.91	8.76	mg/Kg
Q1574-01	WC1	SOIL	Sodium	858		31.6	87.6	mg/Kg
Q1574-01	WC1	SOIL	Thallium	7.63		0.39	1.75	mg/Kg
Q1574-01	WC1	SOIL	Vanadium	33.1		0.24	1.75	mg/Kg
Q1574-01	WC1	SOIL	Zinc	16900	D	1.93	35.0	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	98

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7830		1	2.11	4.38	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-36-0	Antimony	23.9	N	1	0.13	2.19	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-38-2	Arsenic	112		1	0.25	0.88	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-39-3	Barium	267	N	1	0.56	4.38	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-41-7	Beryllium	1.58	N	1	0.011	0.26	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-43-9	Cadmium	13.9		1	0.014	0.26	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-70-2	Calcium	7580		1	2.45	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-47-3	Chromium	118	DN	20	0.95	8.76	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7440-48-4	Cobalt	39.8		1	0.051	1.31	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-50-8	Copper	42300	DN	20	8.23	17.5	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7439-89-6	Iron	140000	D	20	47.1	87.6	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7439-92-1	Lead	1590		1	0.13	0.53	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7439-95-4	Magnesium	2890		1	3.00	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7439-96-5	Manganese	491		1	0.062	0.88	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7439-97-6	Mercury	18.7	D	50	0.36	0.64	mg/Kg	03/17/25 09:45	03/17/25 14:37	SW7471B	
7440-02-0	Nickel	1420		1	0.079	1.75	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-09-7	Potassium	736		1	25.1	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	0.88	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-22-4	Silver	28.9	D	20	0.91	8.76	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7440-23-5	Sodium	858	N	1	31.6	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-28-0	Thallium	7.63		1	0.39	1.75	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-62-2	Vanadium	33.1		1	0.24	1.75	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-66-6	Zinc	16900	DN	20	1.93	35.0	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental				SDG No.:	Q1574				
Contract:	GENV01	Lab Code:	CHEM		Case No.:	Q1574		SAS No.:	Q1574	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB45	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	13:30	LB135056	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB17	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	13:35	LB135056
CCB18	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	14:07	LB135056
CCB19	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	14:42	LB135056

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1574							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1574	SAS No.: Q1574						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	03/18/2025	10:45	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	10:45	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	10:45	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	10:45	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	10:45	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	10:45	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	10:45	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	10:45	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	10:45	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	10:45	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1574							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1574	SAS No.: Q1574						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	03/18/2025	11:13	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	11:13	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	11:13	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	11:13	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	11:13	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	11:13	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	11:13	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	11:13	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	11:13	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	11:13	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
CCB02	Aluminum	100	+/-100	U	100	P	03/18/2025	12:17	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	12:17	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	12:17	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	12:17	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	12:17	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	12:17	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	12:17	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	12:17	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	12:17	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1574							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1574	SAS No.: Q1574						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	12:17	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
CCB03	Aluminum	100	+/-100	U	100	P	03/18/2025	13:13	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	13:13	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	13:13	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	13:13	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	13:13	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	13:13	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	13:13	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	13:13	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	13:13	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	13:13	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
CCB04	Aluminum	100	+/-100	U	100	P	03/18/2025	14:20	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	14:20	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	14:20	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:20	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:20	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	14:20	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	14:20	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	14:20	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	14:20	LB135083

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental SDG No.: Q1574
Contract: GENV01 Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	14:20	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
CCB05	Aluminum	100	+/-100	U	100	P	03/18/2025	14:53	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	14:53	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	14:53	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:53	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:53	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	14:53	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	14:53	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	14:53	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	14:53	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	14:53	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083

Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1574

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167162BL		SOLID		Batch Number:	PB167162		Prep Date:	03/17/2025	
	Mercury	0.013	<0.013	U	0.013	CV	03/17/2025	13:44	LB135056

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1574

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167145BL	SOLID			Batch Number:	PB167145		Prep Date:	03/14/2025	
	Aluminum	4.69	<4.69	U	4.69	P	03/18/2025	11:18	LB135083
	Antimony	2.35	<2.35	U	2.35	P	03/18/2025	11:18	LB135083
	Arsenic	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Barium	4.69	<4.69	U	4.69	P	03/18/2025	11:18	LB135083
	Beryllium	0.28	<0.28	U	0.28	P	03/18/2025	11:18	LB135083
	Cadmium	0.28	<0.28	U	0.28	P	03/18/2025	11:18	LB135083
	Calcium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Chromium	0.47	<0.47	U	0.47	P	03/18/2025	11:18	LB135083
	Cobalt	1.41	<1.41	U	1.41	P	03/18/2025	11:18	LB135083
	Copper	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Iron	4.69	<4.69	U	4.69	P	03/18/2025	11:18	LB135083
	Lead	0.56	<0.56	U	0.56	P	03/18/2025	11:18	LB135083
	Magnesium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Manganese	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Nickel	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083
	Potassium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Selenium	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Silver	0.47	<0.47	U	0.47	P	03/18/2025	11:18	LB135083
	Sodium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Thallium	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083
	Vanadium	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083
	Zinc	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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
ICV45	Mercury	3.97	4.0	99	90 - 110	CV	03/17/2025	13:28	LB135056

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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
CCV17	Mercury	5.06	5.0	101	90 - 110	CV	03/17/2025	13:33	LB135056
CCV18	Mercury	5.04	5.0	101	90 - 110	CV	03/17/2025	14:05	LB135056
CCV19	Mercury	5.29	5.0	106	90 - 110	CV	03/17/2025	14:40	LB135056

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	2530	2500	101	90 - 110	P	03/18/2025	10:36	LB135083
	Antimony	1010	1000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Arsenic	1020	1000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Barium	540	520	104	90 - 110	P	03/18/2025	10:36	LB135083
	Beryllium	543	510	106	90 - 110	P	03/18/2025	10:36	LB135083
	Cadmium	510	510	100	90 - 110	P	03/18/2025	10:36	LB135083
	Calcium	9880	10000	99	90 - 110	P	03/18/2025	10:36	LB135083
	Chromium	537	520	103	90 - 110	P	03/18/2025	10:36	LB135083
	Cobalt	516	520	99	90 - 110	P	03/18/2025	10:36	LB135083
	Copper	530	510	104	90 - 110	P	03/18/2025	10:36	LB135083
	Iron	10200	10000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Lead	1010	1000	101	90 - 110	P	03/18/2025	10:36	LB135083
	Magnesium	5820	6000	97	90 - 110	P	03/18/2025	10:36	LB135083
	Manganese	500	520	96	90 - 110	P	03/18/2025	10:36	LB135083
	Nickel	519	530	98	90 - 110	P	03/18/2025	10:36	LB135083
	Potassium	9940	9900	100	90 - 110	P	03/18/2025	10:36	LB135083
	Selenium	1050	1000	105	90 - 110	P	03/18/2025	10:36	LB135083
	Silver	260	250	104	90 - 110	P	03/18/2025	10:36	LB135083
	Sodium	10100	10000	101	90 - 110	P	03/18/2025	10:36	LB135083
	Thallium	1070	1000	106	90 - 110	P	03/18/2025	10:36	LB135083
	Vanadium	519	500	104	90 - 110	P	03/18/2025	10:36	LB135083
	Zinc	1040	1000	104	90 - 110	P	03/18/2025	10:36	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1574
 Contract: GENV01 Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574
 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	03/18/2025	10:41	LB135083
	Antimony	54.0	50.0	108	80 - 120	P	03/18/2025	10:41	LB135083
	Arsenic	21.9	20.0	110	80 - 120	P	03/18/2025	10:41	LB135083
	Barium	95.4	100	95	80 - 120	P	03/18/2025	10:41	LB135083
	Beryllium	5.97	6.0	100	80 - 120	P	03/18/2025	10:41	LB135083
	Cadmium	5.91	6.0	98	80 - 120	P	03/18/2025	10:41	LB135083
	Calcium	1980	2000	99	80 - 120	P	03/18/2025	10:41	LB135083
	Chromium	10.9	10.0	109	80 - 120	P	03/18/2025	10:41	LB135083
	Cobalt	29.6	30.0	99	80 - 120	P	03/18/2025	10:41	LB135083
	Copper	22.3	20.0	112	80 - 120	P	03/18/2025	10:41	LB135083
	Iron	112	100	112	80 - 120	P	03/18/2025	10:41	LB135083
	Lead	10.9	12.0	91	80 - 120	P	03/18/2025	10:41	LB135083
	Magnesium	2090	2000	105	80 - 120	P	03/18/2025	10:41	LB135083
	Manganese	19.3	20.0	96	80 - 120	P	03/18/2025	10:41	LB135083
	Nickel	39.6	40.0	99	80 - 120	P	03/18/2025	10:41	LB135083
	Potassium	1860	2000	93	80 - 120	P	03/18/2025	10:41	LB135083
	Selenium	18.4	20.0	92	80 - 120	P	03/18/2025	10:41	LB135083
	Silver	10.1	10.0	101	80 - 120	P	03/18/2025	10:41	LB135083
	Sodium	1940	2000	97	80 - 120	P	03/18/2025	10:41	LB135083
	Thallium	38.6	40.0	96	80 - 120	P	03/18/2025	10:41	LB135083
	Vanadium	38.6	40.0	96	80 - 120	P	03/18/2025	10:41	LB135083
	Zinc	42.8	40.0	107	80 - 120	P	03/18/2025	10:41	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1574
 Contract: GENV01 Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574
 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	9850	10000	98	90 - 110	P	03/18/2025	11:09	LB135083
	Antimony	5030	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Arsenic	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Barium	9530	10000	95	90 - 110	P	03/18/2025	11:09	LB135083
	Beryllium	243	250	97	90 - 110	P	03/18/2025	11:09	LB135083
	Cadmium	2470	2500	99	90 - 110	P	03/18/2025	11:09	LB135083
	Calcium	24200	25000	97	90 - 110	P	03/18/2025	11:09	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	11:09	LB135083
	Cobalt	2460	2500	98	90 - 110	P	03/18/2025	11:09	LB135083
	Copper	1240	1250	100	90 - 110	P	03/18/2025	11:09	LB135083
	Iron	4880	5000	98	90 - 110	P	03/18/2025	11:09	LB135083
	Lead	4990	5000	100	90 - 110	P	03/18/2025	11:09	LB135083
	Magnesium	24000	25000	96	90 - 110	P	03/18/2025	11:09	LB135083
	Manganese	2350	2500	94	90 - 110	P	03/18/2025	11:09	LB135083
	Nickel	2450	2500	98	90 - 110	P	03/18/2025	11:09	LB135083
	Potassium	24400	25000	98	90 - 110	P	03/18/2025	11:09	LB135083
	Selenium	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Silver	1260	1250	101	90 - 110	P	03/18/2025	11:09	LB135083
	Sodium	25300	25000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Thallium	5130	5000	103	90 - 110	P	03/18/2025	11:09	LB135083
	Vanadium	2420	2500	97	90 - 110	P	03/18/2025	11:09	LB135083
	Zinc	2540	2500	102	90 - 110	P	03/18/2025	11:09	LB135083
CCV02	Aluminum	9700	10000	97	90 - 110	P	03/18/2025	12:08	LB135083
	Antimony	4940	5000	99	90 - 110	P	03/18/2025	12:08	LB135083
	Arsenic	4890	5000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Barium	9170	10000	92	90 - 110	P	03/18/2025	12:08	LB135083
	Beryllium	237	250	95	90 - 110	P	03/18/2025	12:08	LB135083
	Cadmium	2410	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Calcium	23900	25000	95	90 - 110	P	03/18/2025	12:08	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	12:08	LB135083
	Cobalt	2400	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Copper	1210	1250	97	90 - 110	P	03/18/2025	12:08	LB135083
	Iron	4690	5000	94	90 - 110	P	03/18/2025	12:08	LB135083
	Lead	4880	5000	98	90 - 110	P	03/18/2025	12:08	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1574
 Contract: GENV01 Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574
 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	23600	25000	95	90 - 110	P	03/18/2025	12:08	LB135083
	Manganese	2260	2500	90	90 - 110	P	03/18/2025	12:08	LB135083
	Nickel	2390	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Potassium	23400	25000	94	90 - 110	P	03/18/2025	12:08	LB135083
	Selenium	4860	5000	97	90 - 110	P	03/18/2025	12:08	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	12:08	LB135083
	Sodium	24500	25000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Thallium	5040	5000	101	90 - 110	P	03/18/2025	12:08	LB135083
	Vanadium	2380	2500	95	90 - 110	P	03/18/2025	12:08	LB135083
	Zinc	2290	2500	91	90 - 110	P	03/18/2025	12:08	LB135083
CCV03	Aluminum	9740	10000	97	90 - 110	P	03/18/2025	13:07	LB135083
	Antimony	4970	5000	99	90 - 110	P	03/18/2025	13:07	LB135083
	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Barium	9800	10000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Beryllium	239	250	96	90 - 110	P	03/18/2025	13:07	LB135083
	Cadmium	2400	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Calcium	23700	25000	95	90 - 110	P	03/18/2025	13:07	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	13:07	LB135083
	Cobalt	2390	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Copper	1220	1250	97	90 - 110	P	03/18/2025	13:07	LB135083
	Iron	4690	5000	94	90 - 110	P	03/18/2025	13:07	LB135083
	Lead	4850	5000	97	90 - 110	P	03/18/2025	13:07	LB135083
	Magnesium	23700	25000	95	90 - 110	P	03/18/2025	13:07	LB135083
	Manganese	2390	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Nickel	2380	2500	95	90 - 110	P	03/18/2025	13:07	LB135083
	Potassium	23300	25000	93	90 - 110	P	03/18/2025	13:07	LB135083
	Selenium	4910	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	13:07	LB135083
	Sodium	24600	25000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Thallium	5040	5000	101	90 - 110	P	03/18/2025	13:07	LB135083
CCV04	Vanadium	2370	2500	95	90 - 110	P	03/18/2025	13:07	LB135083
	Zinc	2430	2500	97	90 - 110	P	03/18/2025	13:07	LB135083
	Aluminum	9260	10000	93	90 - 110	P	03/18/2025	14:07	LB135083
	Antimony	4820	5000	96	90 - 110	P	03/18/2025	14:07	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1574
 Contract: GENV01 Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574
 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	4770	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Barium	9510	10000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Beryllium	225	250	90	90 - 110	P	03/18/2025	14:07	LB135083
	Cadmium	2310	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Calcium	23500	25000	94	90 - 110	P	03/18/2025	14:07	LB135083
	Chromium	981	1000	98	90 - 110	P	03/18/2025	14:07	LB135083
	Cobalt	2300	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Copper	1180	1250	94	90 - 110	P	03/18/2025	14:07	LB135083
	Iron	5040	5000	101	90 - 110	P	03/18/2025	14:07	LB135083
	Lead	4660	5000	93	90 - 110	P	03/18/2025	14:07	LB135083
	Magnesium	25200	25000	101	90 - 110	P	03/18/2025	14:07	LB135083
	Manganese	2700	2500	108	90 - 110	P	03/18/2025	14:07	LB135083
	Nickel	2300	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Potassium	23400	25000	94	90 - 110	P	03/18/2025	14:07	LB135083
	Selenium	4760	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Silver	1190	1250	95	90 - 110	P	03/18/2025	14:07	LB135083
	Sodium	23700	25000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Thallium	4800	5000	96	90 - 110	P	03/18/2025	14:07	LB135083
	Vanadium	2250	2500	90	90 - 110	P	03/18/2025	14:07	LB135083
	Zinc	2330	2500	93	90 - 110	P	03/18/2025	14:07	LB135083
CCV05	Aluminum	9410	10000	94	90 - 110	P	03/18/2025	14:49	LB135083
	Antimony	4970	5000	99	90 - 110	P	03/18/2025	14:49	LB135083
	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Barium	10800	10000	108	90 - 110	P	03/18/2025	14:49	LB135083
	Beryllium	227	250	91	90 - 110	P	03/18/2025	14:49	LB135083
	Cadmium	2370	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Calcium	22900	25000	92	90 - 110	P	03/18/2025	14:49	LB135083
	Chromium	1000	1000	100	90 - 110	P	03/18/2025	14:49	LB135083
	Cobalt	2370	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Copper	1220	1250	98	90 - 110	P	03/18/2025	14:49	LB135083
	Iron	4720	5000	94	90 - 110	P	03/18/2025	14:49	LB135083
	Lead	4790	5000	96	90 - 110	P	03/18/2025	14:49	LB135083
	Magnesium	22600	25000	90	90 - 110	P	03/18/2025	14:49	LB135083
	Manganese	2360	2500	94	90 - 110	P	03/18/2025	14:49	LB135083

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	2360	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Potassium	23900	25000	96	90 - 110	P	03/18/2025	14:49	LB135083
	Selenium	4900	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Silver	1230	1250	99	90 - 110	P	03/18/2025	14:49	LB135083
	Sodium	25100	25000	100	90 - 110	P	03/18/2025	14:49	LB135083
	Thallium	4900	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Vanadium	2310	2500	92	90 - 110	P	03/18/2025	14:49	LB135083
	Zinc	2440	2500	98	90 - 110	P	03/18/2025	14:49	LB135083



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.19	0.2	97	40 - 160	CV	03/17/2025	13:37	LB135056
CRI01	Aluminum	106	100	106	40 - 160	P	03/18/2025	10:49	LB135083
	Antimony	53.8	50.0	108	40 - 160	P	03/18/2025	10:49	LB135083
	Arsenic	22.6	20.0	113	40 - 160	P	03/18/2025	10:49	LB135083
	Barium	94.4	100	94	40 - 160	P	03/18/2025	10:49	LB135083
	Beryllium	5.87	6.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Cadmium	5.91	6.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Calcium	1960	2000	98	40 - 160	P	03/18/2025	10:49	LB135083
	Chromium	10.8	10.0	108	40 - 160	P	03/18/2025	10:49	LB135083
	Cobalt	29.4	30.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Copper	22.0	20.0	110	40 - 160	P	03/18/2025	10:49	LB135083
	Iron	114	100	114	40 - 160	P	03/18/2025	10:49	LB135083
	Lead	11.3	12.0	94	40 - 160	P	03/18/2025	10:49	LB135083
	Magnesium	2060	2000	103	40 - 160	P	03/18/2025	10:49	LB135083
	Manganese	18.5	20.0	93	40 - 160	P	03/18/2025	10:49	LB135083
	Nickel	39.3	40.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Potassium	1840	2000	92	40 - 160	P	03/18/2025	10:49	LB135083
	Selenium	16.6	20.0	83	40 - 160	P	03/18/2025	10:49	LB135083
	Silver	10.7	10.0	107	40 - 160	P	03/18/2025	10:49	LB135083
	Sodium	1950	2000	97	40 - 160	P	03/18/2025	10:49	LB135083
	Thallium	38.4	40.0	96	40 - 160	P	03/18/2025	10:49	LB135083
	Vanadium	37.0	40.0	92	40 - 160	P	03/18/2025	10:49	LB135083
	Zinc	43.1	40.0	108	40 - 160	P	03/18/2025	10:49	LB135083

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	248000	255000	97	216000	294000	03/18/2025	10:54	LB135083
	Antimony	-1.12			-50	50	03/18/2025	10:54	LB135083
	Arsenic	3.99			-20	20	03/18/2025	10:54	LB135083
	Barium	5.93	6.0	99	-94	106	03/18/2025	10:54	LB135083
	Beryllium	1.33			-6	6	03/18/2025	10:54	LB135083
	Cadmium	-4.36	1.0	436	-5	7	03/18/2025	10:54	LB135083
	Calcium	237000	245000	97	208000	282000	03/18/2025	10:54	LB135083
	Chromium	60.3	52.0	116	42	62	03/18/2025	10:54	LB135083
	Cobalt	1.97			-30	30	03/18/2025	10:54	LB135083
	Copper	10.2	2.0	508	-18	22	03/18/2025	10:54	LB135083
	Iron	103000	101000	102	85600	116500	03/18/2025	10:54	LB135083
	Lead	5.17			-12	12	03/18/2025	10:54	LB135083
	Magnesium	250000	255000	98	216000	294000	03/18/2025	10:54	LB135083
	Manganese	1.65	7.0	24	-13	27	03/18/2025	10:54	LB135083
	Nickel	2.16	2.0	108	-38	42	03/18/2025	10:54	LB135083
	Potassium	-104			0	0	03/18/2025	10:54	LB135083
	Selenium	-12.3			-20	20	03/18/2025	10:54	LB135083
	Silver	-0.69			-10	10	03/18/2025	10:54	LB135083
	Sodium	33.1			0	0	03/18/2025	10:54	LB135083
	Thallium	7.73			-40	40	03/18/2025	10:54	LB135083
	Vanadium	2.42			-40	40	03/18/2025	10:54	LB135083
	Zinc	4.66			-40	40	03/18/2025	10:54	LB135083
ICSAB01	Aluminum	236000	247000	96	209000	285000	03/18/2025	11:04	LB135083
	Antimony	600	618	97	525	711	03/18/2025	11:04	LB135083
	Arsenic	106	104	102	88.4	120	03/18/2025	11:04	LB135083
	Barium	452	537	84	437	637	03/18/2025	11:04	LB135083
	Beryllium	473	495	96	420	570	03/18/2025	11:04	LB135083
	Cadmium	955	972	98	826	1120	03/18/2025	11:04	LB135083
	Calcium	223000	235000	95	199000	271000	03/18/2025	11:04	LB135083
	Chromium	555	542	102	460	624	03/18/2025	11:04	LB135083
	Cobalt	486	476	102	404	548	03/18/2025	11:04	LB135083
	Copper	489	511	96	434	588	03/18/2025	11:04	LB135083
	Iron	95600	99300	96	84400	114500	03/18/2025	11:04	LB135083
	Lead	51.9	49.0	106	37	61	03/18/2025	11:04	LB135083
	Magnesium	239000	248000	96	210000	286000	03/18/2025	11:04	LB135083
	Manganese	442	507	87	430	584	03/18/2025	11:04	LB135083
	Nickel	961	954	101	810	1100	03/18/2025	11:04	LB135083
	Potassium	-124			0	0	03/18/2025	11:04	LB135083
	Selenium	34.2	46.0	74	26	66	03/18/2025	11:04	LB135083
	Silver	211	201	105	170	232	03/18/2025	11:04	LB135083
	Sodium	15.0			0	0	03/18/2025	11:04	LB135083
	Thallium	101	108	94	68	148	03/18/2025	11:04	LB135083

Metals

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
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	446	491	91	417	565	03/18/2025	11:04	LB135083
	Zinc	1040	952	109	809	1095	03/18/2025	11:04	LB135083



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574
contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574
matrix: Solid **sample id:** Q1581-01 **client id:** TR-06-031425MS
Percent Solids for Sample: 93.3 **Spiked ID:** Q1581-01MS **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	3930		3770		94.0	168		P
Antimony	mg/Kg	79 - 114	2.35	U	2.26	U	37.6	0	N	P
Arsenic	mg/Kg	82 - 111	37.3		5.02		37.6	86		P
Barium	mg/Kg	83 - 113	29.8		18.4		9.4	122	N	P
Beryllium	mg/Kg	83 - 113	8.04		0.37		9.4	82	N	P
Cadmium	mg/Kg	82 - 113	7.92		0.27	U	9.4	84		P
Calcium	mg/Kg	81 - 116	5340		5160		47.0	383		P
Chromium	mg/Kg	85 - 113	40.7		18.6		18.8	118	N	P
Cobalt	mg/Kg	85 - 112	11.2		2.52		9.4	92		P
Copper	mg/Kg	81 - 117	23.2		13.1		14.1	71	N	P
Iron	mg/Kg	81 - 118	12600		10900		140	1269		P
Lead	mg/Kg	81 - 112	61.4		18.5		47.0	91		P
Magnesium	mg/Kg	78 - 115	3020		2750		94.0	292		P
Manganese	mg/Kg	84 - 114	57.2		43.0		9.4	151		P
Nickel	mg/Kg	83 - 113	25.6		4.32		23.5	91		P
Potassium	mg/Kg	81 - 116	1220		728		470	105		P
Selenium	mg/Kg	78 - 111	73.4		0.90	U	94.0	78		P
Silver	mg/Kg	82 - 112	3.15		0.45	U	3.5	90		P
Sodium	mg/Kg	83 - 118	479		255		140	160	N	P
Thallium	mg/Kg	83 - 111	81.8		1.81	U	94.0	87		P
Vanadium	mg/Kg	82 - 114	29.2		15.5		14.1	97		P
Zinc	mg/Kg	82 - 113	48.1		28.2		9.4	212	N	P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574
contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574
matrix: Solid **sample id:** Q1581-01 **client id:** TR-06-031425MSD
Percent Solids for Sample: 93.3 **Spiked ID:** Q1581-01MSD **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	4340		3770		100	575		P
Antimony	mg/Kg	79 - 114	2.60	U	2.26	U	41.6	0	N	P
Arsenic	mg/Kg	82 - 111	41.3		5.02		41.6	87		P
Barium	mg/Kg	83 - 113	32.9		18.4		10.4	139	N	P
Beryllium	mg/Kg	83 - 113	8.73		0.37		10.4	80	N	P
Cadmium	mg/Kg	82 - 113	8.84		0.27	U	10.4	85		P
Calcium	mg/Kg	81 - 116	5900		5160		52.0	1429		P
Chromium	mg/Kg	85 - 113	44.6		18.6		20.8	125	N	P
Cobalt	mg/Kg	85 - 112	12.3		2.52		10.4	94		P
Copper	mg/Kg	81 - 117	25.5		13.1		15.6	80	N	P
Iron	mg/Kg	81 - 118	13600		10900		160	1699		P
Lead	mg/Kg	81 - 112	67.8		18.5		52.0	95		P
Magnesium	mg/Kg	78 - 115	3320		2750		100	572		P
Manganese	mg/Kg	84 - 114	62.6		43.0		10.4	189		P
Nickel	mg/Kg	83 - 113	28.3		4.32		26.0	92		P
Potassium	mg/Kg	81 - 116	1320		728		520	113		P
Selenium	mg/Kg	78 - 111	81.6		0.90	U	100	82		P
Silver	mg/Kg	82 - 112	3.42		0.45	U	3.9	88		P
Sodium	mg/Kg	83 - 118	517		255		160	163	N	P
Thallium	mg/Kg	83 - 111	90.4		1.81	U	100	90		P
Vanadium	mg/Kg	82 - 114	32.3		15.5		15.6	107		P
Zinc	mg/Kg	82 - 113	52.2		28.2		10.4	231	N	P

metals
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MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1574</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1574</u> sas no.: <u>Q1574</u>
matrix: <u>Solid</u>	sample id: <u>Q1585-01</u>	client id: <u>OK-02-03142025MS</u>
Percent Solids for Sample: 97.1	Spiked ID: Q1585-01MS	Percent Solids for Spike Sample: 97.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.26		0.0070	J	0.24	106		CV

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1574</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1574</u> sas no.: <u>Q1574</u>
matrix: <u>Solid</u>	sample id: <u>Q1585-01</u>	client id: <u>OK-02-03142025MSD</u>
Percent Solids for Sample: 97.1	Spiked ID: Q1585-01MSD	Percent Solids for Spike Sample: 97.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.25		0.0070	J	0.25	95		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>G Environmental</u>	SDG No.: <u>Q1574</u>	
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1574</u> SAS No.: <u>Q1574</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>TR-06-031425A</u>
Sample ID: <u>Q1581-01</u>	Spiked ID: <u>Q1581-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	32.8		2.26	U	36.2	91		P
Barium	mg/Kg	83 - 113	27.2		18.4		9.00	98		P
Beryllium	mg/Kg	83 - 113	7.84		0.37		9.00	83		P
Chromium	mg/Kg	85 - 113	35.0		18.6		18.1	91		P
Copper	mg/Kg	81 - 117	24.8		13.1		13.6	86		P
Sodium	mg/Kg	83 - 118	379		255		140	88		P
Zinc	mg/Kg	82 - 113	37.0		28.2		9.00	97		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
Matrix: Solid **Sample ID:** Q1581-01 **Client ID:** TR-06-031425DUP
Percent Solids for Sample: 93.3 **Duplicate ID** Q1581-01DUP **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3770		4050		7		P
Antimony	mg/Kg	20	2.26	U	2.41	U			P
Arsenic	mg/Kg	20	5.02		5.37		7		P
Barium	mg/Kg	20	18.4		20.8		12		P
Beryllium	mg/Kg	20	0.37		0.39		5		P
Cadmium	mg/Kg	20	0.27	U	0.29	U			P
Calcium	mg/Kg	20	5160		5520		7		P
Chromium	mg/Kg	20	18.6		20.0		7		P
Cobalt	mg/Kg	20	2.52		2.71		7		P
Copper	mg/Kg	20	13.1		13.8		5		P
Iron	mg/Kg	20	10900		11600		6		P
Lead	mg/Kg	20	18.5		19.9		7		P
Magnesium	mg/Kg	20	2750		2920		6		P
Manganese	mg/Kg	20	43.0		49.2		13		P
Nickel	mg/Kg	20	4.32		4.66		8		P
Potassium	mg/Kg	20	728		776		6		P
Selenium	mg/Kg	20	0.90	U	0.97	U			P
Silver	mg/Kg	20	0.45	U	0.48	U			P
Sodium	mg/Kg	20	255		272		6		P
Thallium	mg/Kg	20	1.81	U	1.93	U			P
Vanadium	mg/Kg	20	15.5		16.6		7		P
Zinc	mg/Kg	20	28.2		31.0		9		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574
Matrix: Solid **Sample ID:** Q1581-01MS **Client ID:** TR-06-031425MSD
Percent Solids for Sample: 93.3 **Duplicate ID** Q1581-01MSD **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3930		4340		10		P
Antimony	mg/Kg	20	2.35	U	2.60	U			P
Arsenic	mg/Kg	20	37.3		41.3		10		P
Barium	mg/Kg	20	29.8		32.9		10		P
Beryllium	mg/Kg	20	8.04		8.73		8		P
Cadmium	mg/Kg	20	7.92		8.84		11		P
Calcium	mg/Kg	20	5340		5900		10		P
Chromium	mg/Kg	20	40.7		44.6		9		P
Cobalt	mg/Kg	20	11.2		12.3		9		P
Copper	mg/Kg	20	23.2		25.5		9		P
Iron	mg/Kg	20	12600		13600		8		P
Lead	mg/Kg	20	61.4		67.8		10		P
Magnesium	mg/Kg	20	3020		3320		9		P
Manganese	mg/Kg	20	57.2		62.6		9		P
Nickel	mg/Kg	20	25.6		28.3		10		P
Potassium	mg/Kg	20	1220		1320		8		P
Selenium	mg/Kg	20	73.4		81.6		11		P
Silver	mg/Kg	20	3.15		3.42		8		P
Sodium	mg/Kg	20	479		517		8		P
Thallium	mg/Kg	20	81.8		90.4		10		P
Vanadium	mg/Kg	20	29.2		32.3		10		P
Zinc	mg/Kg	20	48.1		52.2		8		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1574</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1574</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1585-01</u>	Client ID:	<u>OK-02-03142025DUP</u>
Percent Solids for Sample:	97.1	Duplicate ID	Q1585-01DUP	Percent Solids for Spike Sample:	97.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.0070	J	0.013	U	200.0		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1574</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1574</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1585-01MS</u>	Client ID:	<u>OK-02-03142025MSD</u>
Percent Solids for Sample:	97.1	Duplicate ID	Q1585-01MSD	Percent Solids for Spike Sample:	97.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.26		0.25		7		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1574
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167145BS							
Aluminum	mg/Kg	83.3	76.7		92	74 - 119	P
Antimony	mg/Kg	33.3	32.4		97	79 - 114	P
Arsenic	mg/Kg	33.3	31.2		94	82 - 111	P
Barium	mg/Kg	8.3	7.34		88	83 - 113	P
Beryllium	mg/Kg	8.3	7.63		92	83 - 113	P
Cadmium	mg/Kg	8.3	7.68		92	82 - 113	P
Calcium	mg/Kg	41.7	37.5	J	90	81 - 116	P
Chromium	mg/Kg	16.7	16.6		99	85 - 113	P
Cobalt	mg/Kg	8.3	7.74		93	85 - 112	P
Copper	mg/Kg	12.5	12.2		98	81 - 117	P
Iron	mg/Kg	130	118		91	81 - 118	P
Lead	mg/Kg	41.7	38.5		92	81 - 112	P
Magnesium	mg/Kg	83.3	74.7	J	90	78 - 115	P
Manganese	mg/Kg	8.3	7.37		89	84 - 114	P
Nickel	mg/Kg	20.8	19.4		93	83 - 113	P
Potassium	mg/Kg	420	374		89	81 - 116	P
Selenium	mg/Kg	83.3	78.6		94	78 - 111	P
Silver	mg/Kg	3.1	3.08		99	82 - 112	P
Sodium	mg/Kg	130	119		92	83 - 118	P
Thallium	mg/Kg	83.3	80.3		96	83 - 111	P
Vanadium	mg/Kg	12.5	11.3		90	82 - 114	P
Zinc	mg/Kg	8.3	8.38		101	82 - 113	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167162BS Mercury	mg/Kg	0.26	0.22		86	80 - 124	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TR-06-031425L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM Lb No.: lb135083 Lab Sample ID : Q1581-01L SDG No.: Q1574

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	3770		3970		5		P
Antimony	2.26	U	11.3	U			P
Arsenic	5.02		5.24		4		P
Barium	18.4		19.8	J	8		P
Beryllium	0.37		0.43	J	17		P
Cadmium	0.27	U	1.36	U			P
Calcium	5160		5550		8		P
Chromium	18.6		19.9		7		P
Cobalt	2.52		2.52	J	0		P
Copper	13.1		14.4		10		P
Iron	10900		11300		4		P
Lead	18.5		18.6		1		P
Magnesium	2750		2950		7		P
Manganese	43.0		51.2		19		P
Nickel	4.32		4.55	J	5		P
Potassium	728		693		5		P
Selenium	0.90	U	4.52	U			P
Silver	0.45	U	2.26	U			P
Sodium	255		248	J	3		P
Thallium	1.81	U	9.04	U			P
Vanadium	15.5		16.4		6		P
Zinc	28.2		29.6		5		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

OK-02-03142025L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM

Lb No.: lb135056

Lab Sample ID : Q1585-01L

SDG No.: Q1574

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.0070 J	0.061 U	100.0		CV

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1574 **Sas no.:** Q1574 **Sdg no.:** Q1574

Instrument id number: **Method:** **Run number:** LB135056

Start date: 03/17/2025 **End date:** 03/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1306	HG
S0.2	S0.2	1	1308	HG
S2.5	S2.5	1	1310	HG
S5	S5	1	1312	HG
S7.5	S7.5	1	1320	HG
S10	S10	1	1325	HG
ICV45	ICV45	1	1328	HG
ICB45	ICB45	1	1330	HG
CCV17	CCV17	1	1333	HG
CCB17	CCB17	1	1335	HG
CRA	CRA	1	1337	HG
PB167162BL	PB167162BL	1	1344	HG
PB167162BS	PB167162BS	1	1346	HG
CCV18	CCV18	1	1405	HG
CCB18	CCB18	1	1407	HG
Q1585-01DUP	OK-02-03142025DUP	1	1416	HG
Q1585-01MS	OK-02-03142025MS	1	1419	HG
Q1585-01MSD	OK-02-03142025MSD	1	1421	HG
Q1585-01L	OK-02-03142025L	5	1423	HG
Q1574-01	WC1	50	1437	HG
CCV19	CCV19	1	1440	HG
CCB19	CCB19	1	1442	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1574 **Sas no.:** Q1574 **Sdg no.:** Q1574

Instrument id number: **Method:** **Run number:** LB135083

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

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1011	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	1015	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	1020	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	1024	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	1028	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	1032	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	1036	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	1041	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	1045	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	1049	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	1054	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	1104	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	1109	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	1113	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167145BL	PB167145BL	1	1118	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167145BS	PB167145BS	1	1122	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1574-01	WC1	1	1149	Al,As,Ba,Be,Ca,Cd,Co,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V
CCV02	CCV02	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01DUP	TR-06-031425DUP	1	1222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01L	TR-06-031425L	5	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01MS	TR-06-031425MS	1	1230	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01MSD	TR-06-031425MSD	1	1234	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01A	TR-06-031425A	1	1238	Ba,Be,Cr,Cu,Na,Sb,Zn
CCV03	CCV03	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1574-01	WC1	20	1341	Ag,Cr,Cu,Fe,Zn
CCV04	CCV04	1	1407	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	1420	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	1449	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	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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.: Q1574

Contract: GENV01

Lab Code: CHEM

Case No.: Q1574

SAS No.: Q1574

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:	Q1574	OrderDate:	3/14/2025 11:25:00 AM
Client:	G Environmental	Project:	Ave L
Contact:	Gary Landis	Location:	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1574-01	WC1	SOIL			03/12/25			03/14/25
			Mercury	7471B		03/17/25	03/17/25	
			Metals ICP-TAL	6010D		03/14/25	03/18/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1574</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1574</u>
		SAS No.:	<u>Q1574</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167145							
PB167145BL	PB167145BL	MB	SOLID	03/14/2025	2.13	100.0	100.00
PB167145BS	PB167145BS	LCS	SOLID	03/14/2025	2.40	100.0	100.00
Q1574-01	WC1	SAM	SOLID	03/14/2025	2.33	100.0	98.00
Q1581-01DUP	TR-06-031425DUP	DUP	SOLID	03/14/2025	2.22	100.0	93.30
Q1581-01MS	TR-06-031425MS	MS	SOLID	03/14/2025	2.28	100.0	93.30
Q1581-01MSD	TR-06-031425MSD	MSD	SOLID	03/14/2025	2.06	100.0	93.30

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1574</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1574</u>
		SAS No.:	<u>Q1574</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167162							
PB167162BL	PB167162BL	MB	SOLID	03/17/2025	0.55	35.0	100.00
PB167162BS	PB167162BS	LCS	SOLID	03/17/2025	0.53	35.0	100.00
Q1574-01	WC1	SAM	SOLID	03/17/2025	0.56	35.0	98.00
Q1585-01DUP	OK-02-03142025DUP	DUP	SOLID	03/17/2025	0.55	35.0	97.10
Q1585-01MS	OK-02-03142025MS	MS	SOLID	03/17/2025	0.59	35.0	97.10
Q1585-01MSD	OK-02-03142025MSD	MSD	SOLID	03/17/2025	0.58	35.0	97.10

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135056

Review By	Mohan	Review On	3/18/2025 11:05:57 AM
Supervise By	jaswal	Supervise On	3/18/2025 11:30:22 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84882,MP84883,MP84884,MP84885,MP84886,MP84887		
ICV Standard	MP84889		
CCV Standard	MP84891		
ICSA Standard			
CRI Standard	MP84893		
LCS Standard			
Chk Standard	MP84890,MP84892,MP84894,MP84896		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/17/25 13:06		Mohan	OK
2	S0.2	S0.2	CAL2	03/17/25 13:08		Mohan	OK
3	S2.5	S2.5	CAL3	03/17/25 13:10		Mohan	OK
4	S5	S5	CAL4	03/17/25 13:12		Mohan	OK
5	S7.5	S7.5	CAL5	03/17/25 13:20		Mohan	OK
6	S10	S10	CAL6	03/17/25 13:25		Mohan	OK
7	ICV45	ICV45	ICV	03/17/25 13:28		Mohan	OK
8	ICB45	ICB45	ICB	03/17/25 13:30		Mohan	OK
9	CCV17	CCV17	CCV	03/17/25 13:33		Mohan	OK
10	CCB17	CCB17	CCB	03/17/25 13:35		Mohan	OK
11	CRA	CRA	CRDL	03/17/25 13:37		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/17/25 13:40		Mohan	OK
13	ChkStd	ChkStd	SAM	03/17/25 13:42		Mohan	OK
14	PB167162BL	PB167162BL	MB	03/17/25 13:44		Mohan	OK
15	PB167162BS	PB167162BS	LCS	03/17/25 13:46		Mohan	OK
16	Q1566-01	CTWK-COMP	SAM	03/17/25 13:49		Mohan	OK
17	Q1568-01	JC-03-03132025	SAM	03/17/25 13:51		Mohan	OK
18	Q1569-04	TAP-IDW-SOIL-03132	SAM	03/17/25 13:53		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135056

Review By	Mohan	Review On	3/18/2025 11:05:57 AM
Supervise By	jaswal	Supervise On	3/18/2025 11:30:22 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84882,MP84883,MP84884,MP84885,MP84886,MP84887		
ICV Standard	MP84889		
CCV Standard	MP84891		
ICSA Standard			
CRI Standard	MP84893		
LCS Standard			
Chk Standard	MP84890,MP84892,MP84894,MP84896		

19	Q1574-01	WC1	SAM	03/17/25 13:56	High	Mohan	Dilution
20	Q1581-01	TR-06-031425	SAM	03/17/25 13:57	High	Mohan	Dilution
21	CCV18	CCV18	CCV	03/17/25 14:05		Mohan	OK
22	CCB18	CCB18	CCB	03/17/25 14:07		Mohan	OK
23	Q1585-01	OK-02-03142025	SAM	03/17/25 14:14		Mohan	OK
24	Q1585-01DUP	OK-02-03142025DUP	DUP	03/17/25 14:16		Mohan	OK
25	Q1585-01MS	OK-02-03142025MS	MS	03/17/25 14:19		Mohan	OK
26	Q1585-01MSD	OK-02-03142025MSD	MSD	03/17/25 14:21		Mohan	OK
27	Q1585-01L	OK-02-03142025L	SD	03/17/25 14:23		Mohan	OK
28	Q1585-01A	OK-02-03142025A	PS	03/17/25 14:25		Mohan	OK
29	Q1574-01DL	WC1DL	SAM	03/17/25 14:28	Report 10X,Still high	Mohan	Dilution
30	Q1581-01DL	TR-06-031425DL	SAM	03/17/25 14:30	Report 10X	Mohan	Confirms
31	Q1574-01DL2	WC1DL2	SAM	03/17/25 14:37	Report 50X	Mohan	Confirms
32	CCV19	CCV19	CCV	03/17/25 14:40		Mohan	OK
33	CCB19	CCB19	CCB	03/17/25 14:42		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/18/25 10:11		Kareem	OK
2	S1	S1	CAL2	03/18/25 10:15		Kareem	OK
3	S2	S2	CAL3	03/18/25 10:20		Kareem	OK
4	S3	S3	CAL4	03/18/25 10:24		Kareem	OK
5	S4	S4	CAL5	03/18/25 10:28		Kareem	OK
6	S5	S5	CAL6	03/18/25 10:32		Kareem	OK
7	ICV01	ICV01	ICV	03/18/25 10:36	ICV01 Fail for Be,TI (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/18/25 10:41		Kareem	OK
9	ICB01	ICB01	ICB	03/18/25 10:45		Kareem	OK
10	CRI01	CRI01	CRDL	03/18/25 10:49		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/18/25 10:54		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/18/25 11:04		Kareem	OK
13	CCV01	CCV01	CCV	03/18/25 11:09		Kareem	OK
14	CCB01	CCB01	CCB	03/18/25 11:13		Kareem	OK
15	PB167145BL	PB167145BL	MB	03/18/25 11:18		Kareem	OK
16	PB167145BS	PB167145BS	LCS	03/18/25 11:22	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
17	PB167150BL	PB167150BL	MB	03/18/25 11:27		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

18	PB167150BS	PB167150BS	LCS	03/18/25 11:32	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
19	Q1569-05	TAP-IDW-SOIL-03132	SAM	03/18/25 11:36	Need to Confirm TCLP	Kareem	OK
20	Q1569-02	TAP-IDW-SOIL-03132	SAM	03/18/25 11:40		Kareem	OK
21	Q1574-02	WC1	SAM	03/18/25 11:45		Kareem	OK
22	Q1574-01	WC1	SAM	03/18/25 11:49	Cr,Cu,Fe,Zn High & Ag (Oversaturated)	Kareem	Dilution
23	Q1569-04	TAP-IDW-SOIL-03132	SAM	03/18/25 11:54		Kareem	OK
24	Q1581-01	TR-06-031425	SAM	03/18/25 11:58		Kareem	OK
25	CCV02	CCV02	CCV	03/18/25 12:08		Kareem	OK
26	CCB02	CCB02	CCB	03/18/25 12:17		Kareem	OK
27	Q1581-01DUP	TR-06-031425DUP	DUP	03/18/25 12:22		Kareem	OK
28	Q1581-01L	TR-06-031425L	SD	03/18/25 12:26		Kareem	OK
29	Q1581-01MS	TR-06-031425MS	MS	03/18/25 12:30	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
30	Q1581-01MSD	TR-06-031425MSD	MSD	03/18/25 12:34	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
31	Q1581-01A	TR-06-031425A	PS	03/18/25 12:38	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
32	Q1585-01	OK-02-03142025	SAM	03/18/25 12:42		Kareem	OK
33	Q1585-01DUP	OK-02-03142025DUP	DUP	03/18/25 12:46		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

34	Q1585-01L	OK-02-03142025L	SD	03/18/25 12:50		Kareem	OK
35	Q1585-01MS	OK-02-03142025MS	MS	03/18/25 12:55	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
36	Q1585-01MSD	OK-02-03142025MSD	MSD	03/18/25 12:59	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
37	CCV03	CCV03	CCV	03/18/25 13:07		Kareem	OK
38	CCB03	CCB03	CCB	03/18/25 13:13		Kareem	OK
39	Q1585-01A	OK-02-03142025A	PS	03/18/25 13:17	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
40	Q1574-02L	WC1L	SD	03/18/25 13:32	NOT USE	Kareem	Not Ok
41	Q1574-01DL	WC1DL	SAM	03/18/25 13:41	20X for Cr,Cu,Fe,Ag,Zn	Kareem	Confirms
42	LR1	LR1	HIGH STD	03/18/25 13:45		Kareem	OK
43	LR2	LR2	HIGH STD	03/18/25 13:50		Kareem	OK
44	Q1590-02	20071	SAM	03/18/25 13:54		Kareem	OK
45	Q1590-02DUP	20071DUP	DUP	03/18/25 13:58		Kareem	OK
46	Q1590-02L	20071L	SD	03/18/25 14:03		Kareem	OK
47	CCV04	CCV04	CCV	03/18/25 14:07		Kareem	OK
48	CCB04	CCB04	CCB	03/18/25 14:20		Kareem	OK
49	Q1590-02MS	20071MS	MS	03/18/25 14:24	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

50	Q1590-02MSD	20071MSD	MSD	03/18/25 14:28	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
51	Q1590-02A	20071A	PS	03/18/25 14:32	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
52	Q1592-01	OILY-DEBRIS-COMP	SAM	03/18/25 14:37	% Solids Missing	Kareem	OK
53	PB167179BL	PB167179BL	MB	03/18/25 14:41		Kareem	OK
54	PB167179BS	PB167179BS	LCS	03/18/25 14:45	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
55	CCV05	CCV05	CCV	03/18/25 14:49		Kareem	OK
56	CCB05	CCB05	CCB	03/18/25 14:53		Kareem	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 03/14/2025 Time : 15:20 Temp : 96 °C

End Digest Date: 03/14/2025 Time : 17:25 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SKS*

Supervisor Signature: *SO*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6003
LFS-2	1.00	M6011
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6158
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5585
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 # 2 CELL 35 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/14/25 18:25	<i>SKS met-dig</i>	<i>SKS met-dig</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB167145BL	PBS145	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	1
PB167145BS	LCS145	N/A	2.40	100	Brown	Yellow	Medium	N/A	M6003,M6011	2
Q1569-04	TAP-IDW-SOIL-031325-02	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	3
Q1574-01	WC1	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	4
Q1581-01	TR-06-031425	N/A	2.37	100	Brown	Yellow	Medium	N/A	N/A	5
Q1581-01MS	TR-06-031425MS	N/A	2.28	100	Brown	Yellow	Medium	N/A	M6003,M6011	7
Q1581-01MSD	TR-06-031425MSD	N/A	2.06	100	Brown	Yellow	Medium	N/A	M6003,M6011	8
Q1581-01DUP	TR-06-031425DUP	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	6

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette ID : HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

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

Start Digest Date: 03/17/2025 Time : 09:45 Temp : 95 °C

End Digest Date: 03/17/2025 Time : 10:15 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: [Signature]

Supervisor Signature: [Signature]

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84889
CCV	30mL	MP854891
CRA	30mL	MP84893
Blank Spike	0.48mL	M;84881
Matrix Spike	0.48mL	MP84881

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP84894
KMnO4 (5%)	4.5mL	MP84564
Hydroxylamine HCL (12%)	2.0mL	MP84566
PTFE Boiling Stones	-----	M4583
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP84882
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84883
2.5 ppb	S2.5	30mL	MP84884
5.0 ppb	S5.0	30mL	MP84885
7.5 ppb	S7.5	30mL	MP84886
10.0 ppb	S10.0	30mL	MP84887
ICV	ICV	30mL	MP84889
ICB	ICB	30mL	MP84890
CCV	CCV	30mL	MP84891
CCB	CCB	30mL	MP84892
CRI	CRI	30mL	MP84893
CHK STD	CHK STD	30mL	MP84894

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/17/25 @ 10:40	MS - Dig. Lab	MS - Metal Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167162BL	PBS162	0.55	35	NA	N/A	3-1
PB167162BS	LCS162	0.53	35	NA	MP84881	2
Q1566-01	CTWK-COMP	0.52	35	NA	N/A	3
Q1568-01	JC-03-03132025	0.58	35	NA	N/A	4
Q1569-04	TAP-IDW-SOIL-031325-02	0.60	35	NA	N/A	5
Q1574-01	WC1	0.56	35	NA	N/A	6
Q1581-01	TR-06-031425	0.56	35	NA	N/A	7
Q1585-01	OK-02-03142025	0.59	35	NA	N/A	8
Q1585-01DUP	OK-02-03142025DUP	0.55	35	NA	N/A	9
Q1585-01MS	OK-02-03142025MS	0.59	35	NA	MP84881	10
Q1585-01MSD	OK-02-03142025MSD	0.58	35	NA	MP84881	11