

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
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
ICV20	Mercury	3.87	4.0	97	90 - 110	CV	02/27/2025	09:49	LB134824

Metals

- 2a -

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Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
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
CCV29	Mercury	5.16	5.0	103	90 - 110	CV	02/27/2025	09:57	LB134824
CCV30	Mercury	5.12	5.0	102	90 - 110	CV	02/27/2025	10:29	LB134824
CCV31	Mercury	5.13	5.0	103	90 - 110	CV	02/27/2025	10:50	LB134824



- 2a -

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1447</u>				
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1447</u>	SAS No.:	<u>Q1447</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
ICV01	Aluminum	2560	2500	102	90 - 110	P	03/05/2025	10:43	LB134904
	Antimony	1020	1000	102	90 - 110	P	03/05/2025	10:43	LB134904
	Arsenic	1040	1000	104	90 - 110	P	03/05/2025	10:43	LB134904
	Barium	493	520	95	90 - 110	P	03/05/2025	10:43	LB134904
	Beryllium	513	510	101	90 - 110	P	03/05/2025	10:43	LB134904
	Cadmium	508	510	100	90 - 110	P	03/05/2025	10:43	LB134904
	Calcium	9960	10000	100	90 - 110	P	03/05/2025	10:43	LB134904
	Chromium	534	520	103	90 - 110	P	03/05/2025	10:43	LB134904
	Cobalt	516	520	99	90 - 110	P	03/05/2025	10:43	LB134904
	Copper	534	510	105	90 - 110	P	03/05/2025	10:43	LB134904
	Iron	9820	10000	98	90 - 110	P	03/05/2025	10:43	LB134904
	Lead	1020	1000	102	90 - 110	P	03/05/2025	10:43	LB134904
	Magnesium	5970	6000	100	90 - 110	P	03/05/2025	10:43	LB134904
	Manganese	509	520	98	90 - 110	P	03/05/2025	10:43	LB134904
	Nickel	519	530	98	90 - 110	P	03/05/2025	10:43	LB134904
	Potassium	9490	9900	96	90 - 110	P	03/05/2025	10:43	LB134904
	Selenium	1040	1000	104	90 - 110	P	03/05/2025	10:43	LB134904
	Silver	258	250	103	90 - 110	P	03/05/2025	10:43	LB134904
	Sodium	9130	10000	91	90 - 110	P	03/05/2025	10:43	LB134904
	Thallium	1060	1000	106	90 - 110	P	03/05/2025	10:43	LB134904
Vanadium	491	500	98	90 - 110	P	03/05/2025	10:43	LB134904	
Zinc	1030	1000	103	90 - 110	P	03/05/2025	10:43	LB134904	

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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1447
Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	101	100	101	80 - 120	P	03/05/2025	10:51	LB134904
	Antimony	52.3	50.0	105	80 - 120	P	03/05/2025	10:51	LB134904
	Arsenic	19.0	20.0	95	80 - 120	P	03/05/2025	10:51	LB134904
	Barium	92.3	100	92	80 - 120	P	03/05/2025	10:51	LB134904
	Beryllium	5.85	6.0	98	80 - 120	P	03/05/2025	10:51	LB134904
	Cadmium	5.96	6.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Calcium	1970	2000	99	80 - 120	P	03/05/2025	10:51	LB134904
	Chromium	10.7	10.0	107	80 - 120	P	03/05/2025	10:51	LB134904
	Cobalt	29.6	30.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Copper	22.8	20.0	114	80 - 120	P	03/05/2025	10:51	LB134904
	Iron	96.3	100	96	80 - 120	P	03/05/2025	10:51	LB134904
	Lead	11.9	12.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Magnesium	2100	2000	105	80 - 120	P	03/05/2025	10:51	LB134904
	Manganese	20.1	20.0	100	80 - 120	P	03/05/2025	10:51	LB134904
	Nickel	39.6	40.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Potassium	1970	2000	98	80 - 120	P	03/05/2025	10:51	LB134904
	Selenium	20.8	20.0	104	80 - 120	P	03/05/2025	10:51	LB134904
	Silver	10.7	10.0	107	80 - 120	P	03/05/2025	10:51	LB134904
	Sodium	1860	2000	93	80 - 120	P	03/05/2025	10:51	LB134904
	Thallium	41.0	40.0	102	80 - 120	P	03/05/2025	10:51	LB134904
	Vanadium	40.2	40.0	100	80 - 120	P	03/05/2025	10:51	LB134904
	Zinc	43.4	40.0	108	80 - 120	P	03/05/2025	10:51	LB134904

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- 2a -

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Client: G Environmental **SDG No.:** Q1447

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447

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	10000	10000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Antimony	5120	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Arsenic	5100	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Barium	9750	10000	98	90 - 110	P	03/05/2025	11:13	LB134904
	Beryllium	245	250	98	90 - 110	P	03/05/2025	11:13	LB134904
	Cadmium	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Calcium	24200	25000	97	90 - 110	P	03/05/2025	11:13	LB134904
	Chromium	1030	1000	104	90 - 110	P	03/05/2025	11:13	LB134904
	Cobalt	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Copper	1270	1250	102	90 - 110	P	03/05/2025	11:13	LB134904
	Iron	5060	5000	101	90 - 110	P	03/05/2025	11:13	LB134904
	Lead	5000	5000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Magnesium	24200	25000	97	90 - 110	P	03/05/2025	11:13	LB134904
	Manganese	2390	2500	96	90 - 110	P	03/05/2025	11:13	LB134904
	Nickel	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Potassium	25600	25000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Selenium	5150	5000	103	90 - 110	P	03/05/2025	11:13	LB134904
	Silver	1280	1250	102	90 - 110	P	03/05/2025	11:13	LB134904
	Sodium	24900	25000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Thallium	5090	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Vanadium	2460	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Zinc	2590	2500	104	90 - 110	P	03/05/2025	11:13	LB134904
CCV02	Aluminum	10200	10000	102	90 - 110	P	03/05/2025	11:55	LB134904
	Antimony	5220	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Arsenic	5190	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Barium	9730	10000	97	90 - 110	P	03/05/2025	11:55	LB134904
	Beryllium	246	250	98	90 - 110	P	03/05/2025	11:55	LB134904
	Cadmium	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Calcium	24500	25000	98	90 - 110	P	03/05/2025	11:55	LB134904
	Chromium	1040	1000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Cobalt	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Copper	1300	1250	104	90 - 110	P	03/05/2025	11:55	LB134904
	Iron	5100	5000	102	90 - 110	P	03/05/2025	11:55	LB134904
	Lead	5050	5000	101	90 - 110	P	03/05/2025	11:55	LB134904

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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24400	25000	98	90 - 110	P	03/05/2025	11:55	LB134904
	Manganese	2410	2500	96	90 - 110	P	03/05/2025	11:55	LB134904
	Nickel	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Potassium	26100	25000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Selenium	5210	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Silver	1300	1250	104	90 - 110	P	03/05/2025	11:55	LB134904
	Sodium	25300	25000	101	90 - 110	P	03/05/2025	11:55	LB134904
	Thallium	4930	5000	99	90 - 110	P	03/05/2025	11:55	LB134904
	Vanadium	2490	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Zinc	2610	2500	104	90 - 110	P	03/05/2025	11:55	LB134904
CCV03	Aluminum	10100	10000	101	90 - 110	P	03/05/2025	12:45	LB134904
	Antimony	5080	5000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Arsenic	5020	5000	100	90 - 110	P	03/05/2025	12:45	LB134904
	Barium	10000	10000	100	90 - 110	P	03/05/2025	12:45	LB134904
	Beryllium	244	250	98	90 - 110	P	03/05/2025	12:45	LB134904
	Cadmium	2450	2500	98	90 - 110	P	03/05/2025	12:45	LB134904
	Calcium	24400	25000	98	90 - 110	P	03/05/2025	12:45	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Cobalt	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Copper	1270	1250	101	90 - 110	P	03/05/2025	12:45	LB134904
	Iron	4960	5000	99	90 - 110	P	03/05/2025	12:45	LB134904
	Lead	4940	5000	99	90 - 110	P	03/05/2025	12:45	LB134904
	Magnesium	24000	25000	96	90 - 110	P	03/05/2025	12:45	LB134904
	Manganese	2390	2500	96	90 - 110	P	03/05/2025	12:45	LB134904
	Nickel	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Potassium	26000	25000	104	90 - 110	P	03/05/2025	12:45	LB134904
	Selenium	5040	5000	101	90 - 110	P	03/05/2025	12:45	LB134904
	Silver	1280	1250	102	90 - 110	P	03/05/2025	12:45	LB134904
	Sodium	25600	25000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Thallium	4790	5000	96	90 - 110	P	03/05/2025	12:45	LB134904
	Vanadium	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Zinc	2560	2500	102	90 - 110	P	03/05/2025	12:45	LB134904
CCV04	Aluminum	10000	10000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Antimony	5000	5000	100	90 - 110	P	03/05/2025	14:07	LB134904



- 2a -

Client:	<u>G Environmental</u>	SDG No.:	<u>Q1447</u>				
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1447</u>	SAS No.:	<u>Q1447</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
CCV04	Arsenic	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Barium	10200	10000	102	90 - 110	P	03/05/2025	14:07	LB134904
	Beryllium	247	250	99	90 - 110	P	03/05/2025	14:07	LB134904
	Cadmium	2490	2500	100	90 - 110	P	03/05/2025	14:07	LB134904
	Calcium	24500	25000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	14:07	LB134904
	Cobalt	2510	2500	100	90 - 110	P	03/05/2025	14:07	LB134904
	Copper	1260	1250	101	90 - 110	P	03/05/2025	14:07	LB134904
	Iron	4900	5000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Lead	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Magnesium	24400	25000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Manganese	2370	2500	95	90 - 110	P	03/05/2025	14:07	LB134904
	Nickel	2520	2500	101	90 - 110	P	03/05/2025	14:07	LB134904
	Potassium	25700	25000	103	90 - 110	P	03/05/2025	14:07	LB134904
	Selenium	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Silver	1270	1250	102	90 - 110	P	03/05/2025	14:07	LB134904
	Sodium	25300	25000	101	90 - 110	P	03/05/2025	14:07	LB134904
	Thallium	5020	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Vanadium	2470	2500	99	90 - 110	P	03/05/2025	14:07	LB134904
	Zinc	2570	2500	103	90 - 110	P	03/05/2025	14:07	LB134904