

Metals

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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
ICV22	Mercury	3.98	4.0	100	90 - 110	CV	02/28/2025	10:35	LB134848

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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
CCV35	Mercury	5.39	5.0	108	90 - 110	CV	02/28/2025	10:42	LB134848
CCV36	Mercury	4.77	5.0	96	90 - 110	CV	02/28/2025	11:16	LB134848
CCV37	Mercury	4.74	5.0	95	90 - 110	CV	02/28/2025	11:43	LB134848
CCV38	Mercury	4.61	5.0	92	90 - 110	CV	02/28/2025	12:06	LB134848

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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
ICV01	Arsenic	997	1000	100	90 - 110	P	03/03/2025	19:17	LB134881
	Barium	528	520	102	90 - 110	P	03/03/2025	19:17	LB134881
	Cadmium	494	510	97	90 - 110	P	03/03/2025	19:17	LB134881
	Chromium	510	520	98	90 - 110	P	03/03/2025	19:17	LB134881
	Lead	988	1000	99	90 - 110	P	03/03/2025	19:17	LB134881
	Selenium	994	1000	99	90 - 110	P	03/03/2025	19:17	LB134881
	Silver	247	250	99	90 - 110	P	03/03/2025	19:17	LB134881



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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)				
LLICV01	Arsenic	21.2	20.0	106	80 - 120	P	03/03/2025	19:21	LB134881
	Barium	90.9	100	91	80 - 120	P	03/03/2025	19:21	LB134881
	Cadmium	5.82	6.0	97	80 - 120	P	03/03/2025	19:21	LB134881
	Chromium	9.59	10.0	96	80 - 120	P	03/03/2025	19:21	LB134881
	Lead	11.6	12.0	97	80 - 120	P	03/03/2025	19:21	LB134881
	Selenium	19.7	20.0	99	80 - 120	P	03/03/2025	19:21	LB134881
	Silver	9.46	10.0	95	80 - 120	P	03/03/2025	19:21	LB134881

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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	Arsenic	5180	5000	104	90 - 110	P	03/03/2025	19:57	LB134881
	Barium	9570	10000	96	90 - 110	P	03/03/2025	19:57	LB134881
	Cadmium	2380	2500	95	90 - 110	P	03/03/2025	19:57	LB134881
	Chromium	957	1000	96	90 - 110	P	03/03/2025	19:57	LB134881
	Lead	4770	5000	95	90 - 110	P	03/03/2025	19:57	LB134881
	Selenium	5250	5000	105	90 - 110	P	03/03/2025	19:57	LB134881
	Silver	1190	1250	95	90 - 110	P	03/03/2025	19:57	LB134881
CCV02	Arsenic	5330	5000	107	90 - 110	P	03/03/2025	21:12	LB134881
	Barium	10300	10000	103	90 - 110	P	03/03/2025	21:12	LB134881
	Cadmium	2640	2500	105	90 - 110	P	03/03/2025	21:12	LB134881
	Chromium	1050	1000	105	90 - 110	P	03/03/2025	21:12	LB134881
	Lead	5300	5000	106	90 - 110	P	03/03/2025	21:12	LB134881
	Selenium	5360	5000	107	90 - 110	P	03/03/2025	21:12	LB134881
	Silver	1300	1250	104	90 - 110	P	03/03/2025	21:12	LB134881
CCV03	Arsenic	5140	5000	103	90 - 110	P	03/03/2025	22:02	LB134881
	Barium	10100	10000	101	90 - 110	P	03/03/2025	22:02	LB134881
	Cadmium	2540	2500	102	90 - 110	P	03/03/2025	22:02	LB134881
	Chromium	1020	1000	102	90 - 110	P	03/03/2025	22:02	LB134881
	Lead	5080	5000	102	90 - 110	P	03/03/2025	22:02	LB134881
	Selenium	5180	5000	104	90 - 110	P	03/03/2025	22:02	LB134881
	Silver	1280	1250	102	90 - 110	P	03/03/2025	22:02	LB134881
CCV04	Arsenic	5000	5000	100	90 - 110	P	03/03/2025	23:07	LB134881
	Barium	9860	10000	99	90 - 110	P	03/03/2025	23:07	LB134881
	Cadmium	2480	2500	99	90 - 110	P	03/03/2025	23:07	LB134881
	Chromium	985	1000	98	90 - 110	P	03/03/2025	23:07	LB134881
	Lead	4950	5000	99	90 - 110	P	03/03/2025	23:07	LB134881
	Selenium	5010	5000	100	90 - 110	P	03/03/2025	23:07	LB134881
	Silver	1230	1250	98	90 - 110	P	03/03/2025	23:07	LB134881
CCV05	Arsenic	4870	5000	97	90 - 110	P	03/04/2025	00:03	LB134881
	Barium	9750	10000	98	90 - 110	P	03/04/2025	00:03	LB134881
	Cadmium	2430	2500	97	90 - 110	P	03/04/2025	00:03	LB134881
	Chromium	973	1000	97	90 - 110	P	03/04/2025	00:03	LB134881
	Lead	4850	5000	97	90 - 110	P	03/04/2025	00:03	LB134881
	Selenium	4890	5000	98	90 - 110	P	03/04/2025	00:03	LB134881

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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
CCV05	Silver	1210	1250	97	90 - 110	P	03/04/2025	00:03	LB134881

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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
ICV01	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
	Cadmium	508	510	100	90 - 110	P	03/05/2025	10:43	LB134904
	Chromium	534	520	103	90 - 110	P	03/05/2025	10:43	LB134904
	Lead	1020	1000	102	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



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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)				
LLICV01	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
	Cadmium	5.96	6.0	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
	Lead	11.9	12.0	99	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

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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	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
	Cadmium	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Chromium	1030	1000	104	90 - 110	P	03/05/2025	11:13	LB134904
	Lead	5000	5000	100	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
CCV02	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
	Cadmium	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Chromium	1040	1000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Lead	5050	5000	101	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
CCV03	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
	Cadmium	2450	2500	98	90 - 110	P	03/05/2025	12:45	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Lead	4940	5000	99	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
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
	Cadmium	2490	2500	100	90 - 110	P	03/05/2025	14:07	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	14:07	LB134904
	Lead	4980	5000	100	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