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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

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

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

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

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- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3172

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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