

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	7590	8000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Antimony	3970	4000	99	90 - 110	P	12/09/2025	12:15	LB138174
	Arsenic	3860	4000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Barium	7460	8000	93	90 - 110	P	12/09/2025	12:15	LB138174
	Beryllium	189	200	94	90 - 110	P	12/09/2025	12:15	LB138174
	Cadmium	1900	2000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Calcium	19000	20000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Chromium	788	800	98	90 - 110	P	12/09/2025	12:15	LB138174
	Cobalt	1890	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Copper	975	1000	98	90 - 110	P	12/09/2025	12:15	LB138174
	Iron	3830	4000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Lead	3750	4000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Magnesium	19000	20000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Manganese	1870	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Nickel	1890	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Potassium	19100	20000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Selenium	3930	4000	98	90 - 110	P	12/09/2025	12:15	LB138174
	Silver	938	1000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Sodium	18500	20000	92	90 - 110	P	12/09/2025	12:15	LB138174
	Thallium	3760	4000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Vanadium	1930	2000	97	90 - 110	P	12/09/2025	12:15	LB138174
	Zinc	1980	2000	99	90 - 110	P	12/09/2025	12:15	LB138174

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	99.7	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Antimony	55.1	50.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Arsenic	21.2	20.0	106	80 - 120	P	12/09/2025	12:19	LB138174
	Barium	99.5	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Beryllium	6.04	6.0	101	80 - 120	P	12/09/2025	12:19	LB138174
	Cadmium	5.98	6.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Calcium	2030	2000	102	80 - 120	P	12/09/2025	12:19	LB138174
	Chromium	10.0	10.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Cobalt	29.5	30.0	98	80 - 120	P	12/09/2025	12:19	LB138174
	Copper	21.1	20.0	106	80 - 120	P	12/09/2025	12:19	LB138174
	Iron	99.9	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Lead	10.6	12.0	88	80 - 120	P	12/09/2025	12:19	LB138174
	Magnesium	2100	2000	105	80 - 120	P	12/09/2025	12:19	LB138174
	Manganese	20.7	20.0	103	80 - 120	P	12/09/2025	12:19	LB138174
	Nickel	40.1	40.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Potassium	2050	2000	103	80 - 120	P	12/09/2025	12:19	LB138174
	Selenium	22.0	20.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Silver	10.4	10.0	104	80 - 120	P	12/09/2025	12:19	LB138174
	Sodium	2030	2000	101	80 - 120	P	12/09/2025	12:19	LB138174
	Thallium	43.8	40.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Vanadium	41.1	40.0	103	80 - 120	P	12/09/2025	12:19	LB138174
	Zinc	42.9	40.0	107	80 - 120	P	12/09/2025	12:19	LB138174

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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	9680	10000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Antimony	4920	5000	98	90 - 110	P	12/09/2025	12:49	LB138174
	Arsenic	4920	5000	98	90 - 110	P	12/09/2025	12:49	LB138174
	Barium	9670	10000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Beryllium	237	250	95	90 - 110	P	12/09/2025	12:49	LB138174
	Cadmium	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Chromium	990	1000	99	90 - 110	P	12/09/2025	12:49	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Copper	1230	1250	99	90 - 110	P	12/09/2025	12:49	LB138174
	Iron	5110	5000	102	90 - 110	P	12/09/2025	12:49	LB138174
	Lead	4870	5000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Magnesium	24200	25000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Manganese	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Potassium	25200	25000	101	90 - 110	P	12/09/2025	12:49	LB138174
	Selenium	4950	5000	99	90 - 110	P	12/09/2025	12:49	LB138174
	Silver	1250	1250	100	90 - 110	P	12/09/2025	12:49	LB138174
	Sodium	25100	25000	100	90 - 110	P	12/09/2025	12:49	LB138174
	Thallium	5110	5000	102	90 - 110	P	12/09/2025	12:49	LB138174
	Vanadium	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	12:49	LB138174
CCV02	Aluminum	9650	10000	96	90 - 110	P	12/09/2025	13:41	LB138174
	Antimony	5030	5000	101	90 - 110	P	12/09/2025	13:41	LB138174
	Arsenic	5030	5000	100	90 - 110	P	12/09/2025	13:41	LB138174
	Barium	9370	10000	94	90 - 110	P	12/09/2025	13:41	LB138174
	Beryllium	235	250	94	90 - 110	P	12/09/2025	13:41	LB138174
	Cadmium	2440	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	13:41	LB138174
	Chromium	981	1000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Cobalt	2450	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	13:41	LB138174
	Iron	4830	5000	96	90 - 110	P	12/09/2025	13:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	13:41	LB138174

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SDG No.: Q3765

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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	23800	25000	95	90 - 110	P	12/09/2025	13:41	LB138174
	Manganese	2330	2500	93	90 - 110	P	12/09/2025	13:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Potassium	24600	25000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Selenium	5090	5000	102	90 - 110	P	12/09/2025	13:41	LB138174
	Silver	1230	1250	99	90 - 110	P	12/09/2025	13:41	LB138174
	Sodium	24400	25000	97	90 - 110	P	12/09/2025	13:41	LB138174
	Thallium	5160	5000	103	90 - 110	P	12/09/2025	13:41	LB138174
	Vanadium	2390	2500	96	90 - 110	P	12/09/2025	13:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	13:41	LB138174
CCV03	Aluminum	9660	10000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Antimony	5000	5000	100	90 - 110	P	12/09/2025	15:09	LB138174
	Arsenic	4910	5000	98	90 - 110	P	12/09/2025	15:09	LB138174
	Barium	9800	10000	98	90 - 110	P	12/09/2025	15:09	LB138174
	Beryllium	226	250	90	90 - 110	P	12/09/2025	15:09	LB138174
	Cadmium	2410	2500	96	90 - 110	P	12/09/2025	15:09	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Chromium	953	1000	95	90 - 110	P	12/09/2025	15:09	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	15:09	LB138174
	Iron	5110	5000	102	90 - 110	P	12/09/2025	15:09	LB138174
	Lead	4850	5000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Magnesium	23800	25000	95	90 - 110	P	12/09/2025	15:09	LB138174
	Manganese	2450	2500	98	90 - 110	P	12/09/2025	15:09	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
	Potassium	25300	25000	101	90 - 110	P	12/09/2025	15:09	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	15:09	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	15:09	LB138174
	Sodium	25800	25000	103	90 - 110	P	12/09/2025	15:09	LB138174
	Thallium	4790	5000	96	90 - 110	P	12/09/2025	15:09	LB138174
	Vanadium	2440	2500	98	90 - 110	P	12/09/2025	15:09	LB138174
	Zinc	2410	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
CCV04	Aluminum	9320	10000	93	90 - 110	P	12/09/2025	16:00	LB138174
	Antimony	4960	5000	99	90 - 110	P	12/09/2025	16:00	LB138174

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4910	5000	98	90 - 110	P	12/09/2025	16:00	LB138174
	Barium	9210	10000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Beryllium	228	250	91	90 - 110	P	12/09/2025	16:00	LB138174
	Cadmium	2400	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Calcium	23100	25000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Chromium	993	1000	99	90 - 110	P	12/09/2025	16:00	LB138174
	Cobalt	2410	2500	97	90 - 110	P	12/09/2025	16:00	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:00	LB138174
	Iron	4980	5000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Lead	4820	5000	96	90 - 110	P	12/09/2025	16:00	LB138174
	Magnesium	22900	25000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Manganese	2300	2500	92	90 - 110	P	12/09/2025	16:00	LB138174
	Nickel	2410	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Potassium	25100	25000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Silver	1260	1250	101	90 - 110	P	12/09/2025	16:00	LB138174
	Sodium	25200	25000	101	90 - 110	P	12/09/2025	16:00	LB138174
	Thallium	4920	5000	98	90 - 110	P	12/09/2025	16:00	LB138174
	Vanadium	2330	2500	93	90 - 110	P	12/09/2025	16:00	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	16:00	LB138174
CCV05	Aluminum	9810	10000	98	90 - 110	P	12/09/2025	16:50	LB138174
	Antimony	4970	5000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Arsenic	4940	5000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Barium	9410	10000	94	90 - 110	P	12/09/2025	16:50	LB138174
	Beryllium	229	250	92	90 - 110	P	12/09/2025	16:50	LB138174
	Cadmium	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Chromium	987	1000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:50	LB138174
	Iron	4980	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Magnesium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Manganese	2370	2500	95	90 - 110	P	12/09/2025	16:50	LB138174

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SDG No.: Q3765

Contract: TETR16

Lab Code: ACE

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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	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Potassium	24700	25000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Selenium	5000	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	16:50	LB138174
	Sodium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Thallium	4980	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Vanadium	2450	2500	98	90 - 110	P	12/09/2025	16:50	LB138174
	Zinc	2450	2500	98	90 - 110	P	12/09/2025	16:50	LB138174
CCV06	Aluminum	9660	10000	97	90 - 110	P	12/09/2025	17:41	LB138174
	Antimony	5010	5000	100	90 - 110	P	12/09/2025	17:41	LB138174
	Arsenic	4970	5000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Barium	9340	10000	93	90 - 110	P	12/09/2025	17:41	LB138174
	Beryllium	232	250	93	90 - 110	P	12/09/2025	17:41	LB138174
	Cadmium	2410	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	17:41	LB138174
	Chromium	986	1000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	17:41	LB138174
	Iron	4900	5000	98	90 - 110	P	12/09/2025	17:41	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	17:41	LB138174
	Magnesium	23700	25000	95	90 - 110	P	12/09/2025	17:41	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	17:41	LB138174
	Nickel	2420	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Potassium	24800	25000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Selenium	5050	5000	101	90 - 110	P	12/09/2025	17:41	LB138174
	Silver	1240	1250	99	90 - 110	P	12/09/2025	17:41	LB138174
	Sodium	24400	25000	98	90 - 110	P	12/09/2025	17:41	LB138174
	Thallium	4800	5000	96	90 - 110	P	12/09/2025	17:41	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	17:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	17:41	LB138174
CCV07	Aluminum	9570	10000	96	90 - 110	P	12/09/2025	18:31	LB138174
	Antimony	4890	5000	98	90 - 110	P	12/09/2025	18:31	LB138174
	Arsenic	4800	5000	96	90 - 110	P	12/09/2025	18:31	LB138174
	Barium	9690	10000	97	90 - 110	P	12/09/2025	18:31	LB138174

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	227	250	91	90 - 110	P	12/09/2025	18:31	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	18:31	LB138174
	Calcium	23800	25000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Chromium	951	1000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	18:31	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Iron	5080	5000	102	90 - 110	P	12/09/2025	18:31	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Magnesium	23500	25000	94	90 - 110	P	12/09/2025	18:31	LB138174
	Manganese	2410	2500	96	90 - 110	P	12/09/2025	18:31	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	18:31	LB138174
	Potassium	25100	25000	100	90 - 110	P	12/09/2025	18:31	LB138174
	Selenium	4870	5000	97	90 - 110	P	12/09/2025	18:31	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Sodium	25500	25000	102	90 - 110	P	12/09/2025	18:31	LB138174
	Thallium	4650	5000	93	90 - 110	P	12/09/2025	18:31	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	18:31	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	18:31	LB138174
CCV08	Aluminum	9450	10000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Antimony	4850	5000	97	90 - 110	P	12/09/2025	19:30	LB138174
	Arsenic	4790	5000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Barium	9180	10000	92	90 - 110	P	12/09/2025	19:30	LB138174
	Beryllium	225	250	90	90 - 110	P	12/09/2025	19:30	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	19:30	LB138174
	Calcium	23400	25000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Chromium	956	1000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Cobalt	2370	2500	95	90 - 110	P	12/09/2025	19:30	LB138174
	Copper	1210	1250	97	90 - 110	P	12/09/2025	19:30	LB138174
	Iron	4910	5000	98	90 - 110	P	12/09/2025	19:30	LB138174
	Lead	4740	5000	95	90 - 110	P	12/09/2025	19:30	LB138174
	Magnesium	23300	25000	93	90 - 110	P	12/09/2025	19:30	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	19:30	LB138174
	Nickel	2360	2500	95	90 - 110	P	12/09/2025	19:30	LB138174
	Potassium	24300	25000	97	90 - 110	P	12/09/2025	19:30	LB138174

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Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4840	5000	97	90 - 110	P	12/09/2025	19:30	LB138174
	Silver	1200	1250	96	90 - 110	P	12/09/2025	19:30	LB138174
	Sodium	24100	25000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Thallium	4690	5000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Vanadium	2360	2500	94	90 - 110	P	12/09/2025	19:30	LB138174
	Zinc	2410	2500	96	90 - 110	P	12/09/2025	19:30	LB138174
CCV09	Aluminum	9360	10000	94	90 - 110	P	12/09/2025	20:37	LB138174
	Antimony	4880	5000	98	90 - 110	P	12/09/2025	20:37	LB138174
	Arsenic	4800	5000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Barium	9610	10000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Beryllium	241	250	96	90 - 110	P	12/09/2025	20:37	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	20:37	LB138174
	Calcium	23200	25000	93	90 - 110	P	12/09/2025	20:37	LB138174
	Chromium	962	1000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	20:37	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Iron	5130	5000	103	90 - 110	P	12/09/2025	20:37	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	20:37	LB138174
	Magnesium	22900	25000	92	90 - 110	P	12/09/2025	20:37	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	20:37	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	20:37	LB138174
	Potassium	25300	25000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Selenium	4850	5000	97	90 - 110	P	12/09/2025	20:37	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Sodium	25200	25000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Thallium	5060	5000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Vanadium	2360	2500	94	90 - 110	P	12/09/2025	20:37	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	20:37	LB138174
CCV10	Aluminum	9390	10000	94	90 - 110	P	12/09/2025	21:27	LB138174
	Antimony	4960	5000	99	90 - 110	P	12/09/2025	21:27	LB138174
	Arsenic	4890	5000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Barium	9460	10000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Beryllium	239	250	96	90 - 110	P	12/09/2025	21:27	LB138174
	Cadmium	2360	2500	94	90 - 110	P	12/09/2025	21:27	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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
CCV10	Calcium	23100	25000	92	90 - 110	P	12/09/2025	21:27	LB138174
	Chromium	948	1000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	21:27	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	21:27	LB138174
	Iron	4950	5000	99	90 - 110	P	12/09/2025	21:27	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Magnesium	22900	25000	91	90 - 110	P	12/09/2025	21:27	LB138174
	Manganese	2280	2500	91	90 - 110	P	12/09/2025	21:27	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	21:27	LB138174
	Potassium	24600	25000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	21:27	LB138174
	Silver	1190	1250	95	90 - 110	P	12/09/2025	21:27	LB138174
	Sodium	24400	25000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Thallium	5230	5000	105	90 - 110	P	12/09/2025	21:27	LB138174
	Vanadium	2330	2500	93	90 - 110	P	12/09/2025	21:27	LB138174
	Zinc	2430	2500	97	90 - 110	P	12/09/2025	21:27	LB138174
CCV11	Aluminum	9410	10000	94	90 - 110	P	12/09/2025	22:17	LB138174
	Antimony	4930	5000	99	90 - 110	P	12/09/2025	22:17	LB138174
	Arsenic	4850	5000	97	90 - 110	P	12/09/2025	22:17	LB138174
	Barium	9600	10000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Beryllium	248	250	99	90 - 110	P	12/09/2025	22:17	LB138174
	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Calcium	23200	25000	93	90 - 110	P	12/09/2025	22:17	LB138174
	Chromium	963	1000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Cobalt	2400	2500	96	90 - 110	P	12/09/2025	22:17	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	22:17	LB138174
	Iron	4940	5000	99	90 - 110	P	12/09/2025	22:17	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	22:17	LB138174
	Magnesium	23000	25000	92	90 - 110	P	12/09/2025	22:17	LB138174
	Manganese	2280	2500	91	90 - 110	P	12/09/2025	22:17	LB138174
	Nickel	2390	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Potassium	24500	25000	98	90 - 110	P	12/09/2025	22:17	LB138174
	Selenium	4920	5000	98	90 - 110	P	12/09/2025	22:17	LB138174
	Silver	1190	1250	95	90 - 110	P	12/09/2025	22:17	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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
CCV11	Sodium	24100	25000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Thallium	5240	5000	105	90 - 110	P	12/09/2025	22:17	LB138174
	Vanadium	2350	2500	94	90 - 110	P	12/09/2025	22:17	LB138174
	Zinc	2440	2500	97	90 - 110	P	12/09/2025	22:17	LB138174
CCV12	Aluminum	9590	10000	96	90 - 110	P	12/09/2025	23:20	LB138174
	Antimony	4970	5000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Arsenic	4830	5000	97	90 - 110	P	12/09/2025	23:20	LB138174
	Barium	9960	10000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Beryllium	251	250	100	90 - 110	P	12/09/2025	23:20	LB138174
	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	23:20	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	23:20	LB138174
	Chromium	943	1000	94	90 - 110	P	12/09/2025	23:20	LB138174
	Cobalt	2410	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	23:20	LB138174
	Iron	5040	5000	101	90 - 110	P	12/09/2025	23:20	LB138174
	Lead	4790	5000	96	90 - 110	P	12/09/2025	23:20	LB138174
	Magnesium	23400	25000	94	90 - 110	P	12/09/2025	23:20	LB138174
	Manganese	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Nickel	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Potassium	25000	25000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Selenium	4920	5000	98	90 - 110	P	12/09/2025	23:20	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:20	LB138174
	Sodium	25500	25000	102	90 - 110	P	12/09/2025	23:20	LB138174
	Thallium	5030	5000	101	90 - 110	P	12/09/2025	23:20	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Zinc	2470	2500	99	90 - 110	P	12/09/2025	23:20	LB138174
CCV13	Aluminum	9730	10000	97	90 - 110	P	12/09/2025	23:41	LB138174
	Antimony	5110	5000	102	90 - 110	P	12/09/2025	23:41	LB138174
	Arsenic	5020	5000	100	90 - 110	P	12/09/2025	23:41	LB138174
	Barium	9690	10000	97	90 - 110	P	12/09/2025	23:41	LB138174
	Beryllium	252	250	101	90 - 110	P	12/09/2025	23:41	LB138174
	Cadmium	2440	2500	97	90 - 110	P	12/09/2025	23:41	LB138174
	Calcium	23800	25000	95	90 - 110	P	12/09/2025	23:41	LB138174
	Chromium	966	1000	97	90 - 110	P	12/09/2025	23:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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
CCV13	Cobalt	2470	2500	99	90 - 110	P	12/09/2025	23:41	LB138174
	Copper	1270	1250	102	90 - 110	P	12/09/2025	23:41	LB138174
	Iron	4960	5000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	23:41	LB138174
	Magnesium	23700	25000	95	90 - 110	P	12/09/2025	23:41	LB138174
	Manganese	2350	2500	94	90 - 110	P	12/09/2025	23:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	23:41	LB138174
	Potassium	24800	25000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Selenium	5120	5000	102	90 - 110	P	12/09/2025	23:41	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:41	LB138174
	Sodium	24800	25000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Thallium	5350	5000	107	90 - 110	P	12/09/2025	23:41	LB138174
	Vanadium	2420	2500	97	90 - 110	P	12/09/2025	23:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	23:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	7670	8000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Antimony	3920	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Arsenic	3860	4000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Barium	7640	8000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Beryllium	195	200	97	90 - 110	P	12/11/2025	11:30	LB138198
	Cadmium	1910	2000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Calcium	19300	20000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Chromium	797	800	100	90 - 110	P	12/11/2025	11:30	LB138198
	Cobalt	1940	2000	97	90 - 110	P	12/11/2025	11:30	LB138198
	Copper	994	1000	99	90 - 110	P	12/11/2025	11:30	LB138198
	Iron	3940	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Lead	3800	4000	95	90 - 110	P	12/11/2025	11:30	LB138198
	Magnesium	19300	20000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Manganese	1910	2000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Nickel	1950	2000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Potassium	19700	20000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Selenium	3900	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Silver	1010	1000	101	90 - 110	P	12/11/2025	11:30	LB138198
	Sodium	19100	20000	95	90 - 110	P	12/11/2025	11:30	LB138198
	Thallium	3940	4000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Vanadium	1930	2000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Zinc	2040	2000	102	90 - 110	P	12/11/2025	11:30	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	112	100	112	80 - 120	P	12/11/2025	11:41	LB138198
	Antimony	51.5	50.0	103	80 - 120	P	12/11/2025	11:41	LB138198
	Arsenic	19.7	20.0	98	80 - 120	P	12/11/2025	11:41	LB138198
	Barium	104	100	104	80 - 120	P	12/11/2025	11:41	LB138198
	Beryllium	6.49	6.0	108	80 - 120	P	12/11/2025	11:41	LB138198
	Cadmium	6.06	6.0	101	80 - 120	P	12/11/2025	11:41	LB138198
	Calcium	2100	2000	105	80 - 120	P	12/11/2025	11:41	LB138198
	Chromium	10.6	10.0	106	80 - 120	P	12/11/2025	11:41	LB138198
	Cobalt	30.7	30.0	102	80 - 120	P	12/11/2025	11:41	LB138198
	Copper	22.0	20.0	110	80 - 120	P	12/11/2025	11:41	LB138198
	Iron	112	100	112	80 - 120	P	12/11/2025	11:41	LB138198
	Lead	13.6	12.0	113	80 - 120	P	12/11/2025	11:41	LB138198
	Magnesium	2150	2000	107	80 - 120	P	12/11/2025	11:41	LB138198
	Manganese	21.7	20.0	108	80 - 120	P	12/11/2025	11:41	LB138198
	Nickel	42.0	40.0	105	80 - 120	P	12/11/2025	11:41	LB138198
	Potassium	2120	2000	106	80 - 120	P	12/11/2025	11:41	LB138198
	Selenium	21.2	20.0	106	80 - 120	P	12/11/2025	11:41	LB138198
	Silver	11.1	10.0	111	80 - 120	P	12/11/2025	11:41	LB138198
	Sodium	2070	2000	103	80 - 120	P	12/11/2025	11:41	LB138198
	Thallium	35.4	40.0	88	80 - 120	P	12/11/2025	11:41	LB138198
	Vanadium	40.4	40.0	101	80 - 120	P	12/11/2025	11:41	LB138198
	Zinc	44.5	40.0	111	80 - 120	P	12/11/2025	11:41	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	10100	10000	101	90 - 110	P	12/11/2025	12:14	LB138198
	Antimony	5050	5000	101	90 - 110	P	12/11/2025	12:14	LB138198
	Arsenic	5000	5000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Barium	9950	10000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Beryllium	243	250	97	90 - 110	P	12/11/2025	12:14	LB138198
	Cadmium	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Calcium	25000	25000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Chromium	988	1000	99	90 - 110	P	12/11/2025	12:14	LB138198
	Cobalt	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Copper	1260	1250	101	90 - 110	P	12/11/2025	12:14	LB138198
	Iron	4960	5000	99	90 - 110	P	12/11/2025	12:14	LB138198
	Lead	5000	5000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Magnesium	25000	25000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Manganese	2470	2500	99	90 - 110	P	12/11/2025	12:14	LB138198
	Nickel	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Potassium	24800	25000	99	90 - 110	P	12/11/2025	12:14	LB138198
	Selenium	5030	5000	101	90 - 110	P	12/11/2025	12:14	LB138198
	Silver	1240	1250	99	90 - 110	P	12/11/2025	12:14	LB138198
	Sodium	24200	25000	97	90 - 110	P	12/11/2025	12:14	LB138198
	Thallium	5140	5000	103	90 - 110	P	12/11/2025	12:14	LB138198
	Vanadium	2510	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Zinc	2540	2500	102	90 - 110	P	12/11/2025	12:14	LB138198
CCV02	Aluminum	10200	10000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Antimony	5070	5000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Arsenic	5060	5000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Barium	10400	10000	104	90 - 110	P	12/11/2025	13:04	LB138198
	Beryllium	255	250	102	90 - 110	P	12/11/2025	13:04	LB138198
	Cadmium	2480	2500	99	90 - 110	P	12/11/2025	13:04	LB138198
	Calcium	25400	25000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Chromium	1040	1000	104	90 - 110	P	12/11/2025	13:04	LB138198
	Cobalt	2490	2500	100	90 - 110	P	12/11/2025	13:04	LB138198
	Copper	1260	1250	101	90 - 110	P	12/11/2025	13:04	LB138198
	Iron	5040	5000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Lead	5000	5000	100	90 - 110	P	12/11/2025	13:04	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	25300	25000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Manganese	2580	2500	103	90 - 110	P	12/11/2025	13:04	LB138198
	Nickel	2490	2500	100	90 - 110	P	12/11/2025	13:04	LB138198
	Potassium	25200	25000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Selenium	5060	5000	101	90 - 110	P	12/11/2025	13:04	LB138198
	Silver	1270	1250	102	90 - 110	P	12/11/2025	13:04	LB138198
	Sodium	25500	25000	102	90 - 110	P	12/11/2025	13:04	LB138198
	Thallium	5350	5000	107	90 - 110	P	12/11/2025	13:04	LB138198
	Vanadium	2550	2500	102	90 - 110	P	12/11/2025	13:04	LB138198
	Zinc	2570	2500	103	90 - 110	P	12/11/2025	13:04	LB138198
CCV03	Aluminum	9670	10000	97	90 - 110	P	12/11/2025	13:55	LB138198
	Antimony	4890	5000	98	90 - 110	P	12/11/2025	13:55	LB138198
	Arsenic	4870	5000	98	90 - 110	P	12/11/2025	13:55	LB138198
	Barium	9540	10000	95	90 - 110	P	12/11/2025	13:55	LB138198
	Beryllium	247	250	99	90 - 110	P	12/11/2025	13:55	LB138198
	Cadmium	2380	2500	95	90 - 110	P	12/11/2025	13:55	LB138198
	Calcium	23800	25000	95	90 - 110	P	12/11/2025	13:55	LB138198
	Chromium	958	1000	96	90 - 110	P	12/11/2025	13:55	LB138198
	Cobalt	2380	2500	95	90 - 110	P	12/11/2025	13:55	LB138198
	Copper	1220	1250	97	90 - 110	P	12/11/2025	13:55	LB138198
	Iron	4590	5000	92	90 - 110	P	12/11/2025	13:55	LB138198
	Lead	4790	5000	96	90 - 110	P	12/11/2025	13:55	LB138198
	Magnesium	23800	25000	95	90 - 110	P	12/11/2025	13:55	LB138198
	Manganese	2360	2500	94	90 - 110	P	12/11/2025	13:55	LB138198
	Nickel	2390	2500	96	90 - 110	P	12/11/2025	13:55	LB138198
	Potassium	23300	25000	93	90 - 110	P	12/11/2025	13:55	LB138198
	Selenium	4940	5000	99	90 - 110	P	12/11/2025	13:55	LB138198
	Silver	1210	1250	97	90 - 110	P	12/11/2025	13:55	LB138198
	Sodium	23200	25000	93	90 - 110	P	12/11/2025	13:55	LB138198
	Thallium	5070	5000	101	90 - 110	P	12/11/2025	13:55	LB138198
	Vanadium	2390	2500	96	90 - 110	P	12/11/2025	13:55	LB138198
	Zinc	2450	2500	98	90 - 110	P	12/11/2025	13:55	LB138198
CCV04	Aluminum	9980	10000	100	90 - 110	P	12/11/2025	14:59	LB138198
	Antimony	5090	5000	102	90 - 110	P	12/11/2025	14:59	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	5030	5000	100	90 - 110	P	12/11/2025	14:59	LB138198
	Barium	10300	10000	103	90 - 110	P	12/11/2025	14:59	LB138198
	Beryllium	242	250	97	90 - 110	P	12/11/2025	14:59	LB138198
	Cadmium	2440	2500	98	90 - 110	P	12/11/2025	14:59	LB138198
	Calcium	25000	25000	100	90 - 110	P	12/11/2025	14:59	LB138198
	Chromium	1020	1000	102	90 - 110	P	12/11/2025	14:59	LB138198
	Cobalt	2460	2500	98	90 - 110	P	12/11/2025	14:59	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	14:59	LB138198
	Iron	5200	5000	104	90 - 110	P	12/11/2025	14:59	LB138198
	Lead	4940	5000	99	90 - 110	P	12/11/2025	14:59	LB138198
	Magnesium	24600	25000	98	90 - 110	P	12/11/2025	14:59	LB138198
	Manganese	2570	2500	103	90 - 110	P	12/11/2025	14:59	LB138198
	Nickel	2470	2500	99	90 - 110	P	12/11/2025	14:59	LB138198
	Potassium	25700	25000	103	90 - 110	P	12/11/2025	14:59	LB138198
	Selenium	5030	5000	101	90 - 110	P	12/11/2025	14:59	LB138198
	Silver	1250	1250	100	90 - 110	P	12/11/2025	14:59	LB138198
	Sodium	26500	25000	106	90 - 110	P	12/11/2025	14:59	LB138198
	Thallium	4740	5000	95	90 - 110	P	12/11/2025	14:59	LB138198
	Vanadium	2520	2500	101	90 - 110	P	12/11/2025	14:59	LB138198
	Zinc	2530	2500	101	90 - 110	P	12/11/2025	14:59	LB138198
CCV05	Aluminum	9820	10000	98	90 - 110	P	12/11/2025	15:50	LB138198
	Antimony	5060	5000	101	90 - 110	P	12/11/2025	15:50	LB138198
	Arsenic	5020	5000	100	90 - 110	P	12/11/2025	15:50	LB138198
	Barium	9770	10000	98	90 - 110	P	12/11/2025	15:50	LB138198
	Beryllium	236	250	94	90 - 110	P	12/11/2025	15:50	LB138198
	Cadmium	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Calcium	24300	25000	97	90 - 110	P	12/11/2025	15:50	LB138198
	Chromium	968	1000	97	90 - 110	P	12/11/2025	15:50	LB138198
	Cobalt	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	15:50	LB138198
	Iron	5050	5000	101	90 - 110	P	12/11/2025	15:50	LB138198
	Lead	4930	5000	99	90 - 110	P	12/11/2025	15:50	LB138198
	Magnesium	24200	25000	97	90 - 110	P	12/11/2025	15:50	LB138198
	Manganese	2400	2500	96	90 - 110	P	12/11/2025	15:50	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Potassium	25200	25000	101	90 - 110	P	12/11/2025	15:50	LB138198
	Selenium	5090	5000	102	90 - 110	P	12/11/2025	15:50	LB138198
	Silver	1240	1250	99	90 - 110	P	12/11/2025	15:50	LB138198
	Sodium	24700	25000	99	90 - 110	P	12/11/2025	15:50	LB138198
	Thallium	4800	5000	96	90 - 110	P	12/11/2025	15:50	LB138198
	Vanadium	2450	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Zinc	2490	2500	100	90 - 110	P	12/11/2025	15:50	LB138198
CCV06	Aluminum	10100	10000	101	90 - 110	P	12/11/2025	16:40	LB138198
	Antimony	5010	5000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Arsenic	4990	5000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Barium	10400	10000	104	90 - 110	P	12/11/2025	16:40	LB138198
	Beryllium	249	250	99	90 - 110	P	12/11/2025	16:40	LB138198
	Cadmium	2430	2500	97	90 - 110	P	12/11/2025	16:40	LB138198
	Calcium	24900	25000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Chromium	1020	1000	102	90 - 110	P	12/11/2025	16:40	LB138198
	Cobalt	2450	2500	98	90 - 110	P	12/11/2025	16:40	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	16:40	LB138198
	Iron	5030	5000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Lead	4880	5000	98	90 - 110	P	12/11/2025	16:40	LB138198
	Magnesium	24500	25000	98	90 - 110	P	12/11/2025	16:40	LB138198
	Manganese	2530	2500	101	90 - 110	P	12/11/2025	16:40	LB138198
	Nickel	2450	2500	98	90 - 110	P	12/11/2025	16:40	LB138198
	Potassium	25000	25000	100	90 - 110	P	12/11/2025	16:40	LB138198
	Selenium	4950	5000	99	90 - 110	P	12/11/2025	16:40	LB138198
	Silver	1260	1250	101	90 - 110	P	12/11/2025	16:40	LB138198
	Sodium	25600	25000	102	90 - 110	P	12/11/2025	16:40	LB138198
	Thallium	4660	5000	93	90 - 110	P	12/11/2025	16:40	LB138198
	Vanadium	2500	2500	100	90 - 110	P	12/11/2025	16:40	LB138198
	Zinc	2510	2500	100	90 - 110	P	12/11/2025	16:40	LB138198
CCV07	Aluminum	9680	10000	97	90 - 110	P	12/11/2025	17:53	LB138198
	Antimony	4780	5000	96	90 - 110	P	12/11/2025	17:53	LB138198
	Arsenic	4800	5000	96	90 - 110	P	12/11/2025	17:53	LB138198
	Barium	9980	10000	100	90 - 110	P	12/11/2025	17:53	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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	236	250	95	90 - 110	P	12/11/2025	17:53	LB138198
	Cadmium	2360	2500	94	90 - 110	P	12/11/2025	17:53	LB138198
	Calcium	24400	25000	98	90 - 110	P	12/11/2025	17:53	LB138198
	Chromium	969	1000	97	90 - 110	P	12/11/2025	17:53	LB138198
	Cobalt	2350	2500	94	90 - 110	P	12/11/2025	17:53	LB138198
	Copper	1200	1250	96	90 - 110	P	12/11/2025	17:53	LB138198
	Iron	4600	5000	92	90 - 110	P	12/11/2025	17:53	LB138198
	Lead	4680	5000	94	90 - 110	P	12/11/2025	17:53	LB138198
	Magnesium	23900	25000	96	90 - 110	P	12/11/2025	17:53	LB138198
	Manganese	2430	2500	97	90 - 110	P	12/11/2025	17:53	LB138198
	Nickel	2330	2500	93	90 - 110	P	12/11/2025	17:53	LB138198
	Potassium	23500	25000	94	90 - 110	P	12/11/2025	17:53	LB138198
	Selenium	4750	5000	95	90 - 110	P	12/11/2025	17:53	LB138198
	Silver	1180	1250	95	90 - 110	P	12/11/2025	17:53	LB138198
	Sodium	23400	25000	94	90 - 110	P	12/11/2025	17:53	LB138198
	Thallium	4600	5000	92	90 - 110	P	12/11/2025	17:53	LB138198
	Vanadium	2440	2500	98	90 - 110	P	12/11/2025	17:53	LB138198
	Zinc	2430	2500	97	90 - 110	P	12/11/2025	17:53	LB138198
CCV08	Aluminum	9550	10000	96	90 - 110	P	12/11/2025	18:48	LB138198
	Antimony	4740	5000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Arsenic	4800	5000	96	90 - 110	P	12/11/2025	18:48	LB138198
	Barium	9680	10000	97	90 - 110	P	12/11/2025	18:48	LB138198
	Beryllium	244	250	97	90 - 110	P	12/11/2025	18:48	LB138198
	Cadmium	2350	2500	94	90 - 110	P	12/11/2025	18:48	LB138198
	Calcium	23800	25000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Chromium	946	1000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Cobalt	2330	2500	93	90 - 110	P	12/11/2025	18:48	LB138198
	Copper	1190	1250	95	90 - 110	P	12/11/2025	18:48	LB138198
	Iron	4840	5000	97	90 - 110	P	12/11/2025	18:48	LB138198
	Lead	5040	5000	101	90 - 110	P	12/11/2025	18:48	LB138198
	Magnesium	23500	25000	94	90 - 110	P	12/11/2025	18:48	LB138198
	Manganese	2360	2500	95	90 - 110	P	12/11/2025	18:48	LB138198
	Nickel	2590	2500	104	90 - 110	P	12/11/2025	18:48	LB138198
	Potassium	23100	25000	92	90 - 110	P	12/11/2025	18:48	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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
CCV08	Selenium	4760	5000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Silver	1180	1250	94	90 - 110	P	12/11/2025	18:48	LB138198
	Sodium	26800	25000	107	90 - 110	P	12/11/2025	18:48	LB138198
	Thallium	4880	5000	98	90 - 110	P	12/11/2025	18:48	LB138198
	Vanadium	2400	2500	96	90 - 110	P	12/11/2025	18:48	LB138198
	Zinc	2410	2500	96	90 - 110	P	12/11/2025	18:48	LB138198
CCV09	Aluminum	9330	10000	93	90 - 110	P	12/11/2025	19:41	LB138198
	Antimony	4630	5000	92	90 - 110	P	12/11/2025	19:41	LB138198
	Arsenic	4680	5000	94	90 - 110	P	12/11/2025	19:41	LB138198
	Barium	9790	10000	98	90 - 110	P	12/11/2025	19:41	LB138198
	Beryllium	239	250	95	90 - 110	P	12/11/2025	19:41	LB138198
	Cadmium	2290	2500	92	90 - 110	P	12/11/2025	19:41	LB138198
	Calcium	23600	25000	94	90 - 110	P	12/11/2025	19:41	LB138198
	Chromium	951	1000	95	90 - 110	P	12/11/2025	19:41	LB138198
	Cobalt	2280	2500	91	90 - 110	P	12/11/2025	19:41	LB138198
	Copper	1150	1250	92	90 - 110	P	12/11/2025	19:41	LB138198
	Iron	4780	5000	96	90 - 110	P	12/11/2025	19:41	LB138198
	Lead	4930	5000	98	90 - 110	P	12/11/2025	19:41	LB138198
	Magnesium	23100	25000	92	90 - 110	P	12/11/2025	19:41	LB138198
	Manganese	2380	2500	95	90 - 110	P	12/11/2025	19:41	LB138198
	Nickel	2530	2500	101	90 - 110	P	12/11/2025	19:41	LB138198
	Potassium	22700	25000	91	90 - 110	P	12/11/2025	19:41	LB138198
	Selenium	4600	5000	92	90 - 110	P	12/11/2025	19:41	LB138198
	Silver	1140	1250	91	90 - 110	P	12/11/2025	19:41	LB138198
	Sodium	27400	25000	110	90 - 110	P	12/11/2025	19:41	LB138198
	Thallium	4800	5000	96	90 - 110	P	12/11/2025	19:41	LB138198
	Vanadium	2360	2500	94	90 - 110	P	12/11/2025	19:41	LB138198
	Zinc	2350	2500	94	90 - 110	P	12/11/2025	19:41	LB138198
CCV10	Aluminum	9150	10000	92	90 - 110	P	12/11/2025	20:33	LB138198
	Antimony	4750	5000	95	90 - 110	P	12/11/2025	20:33	LB138198
	Arsenic	4830	5000	97	90 - 110	P	12/11/2025	20:33	LB138198
	Barium	9290	10000	93	90 - 110	P	12/11/2025	20:33	LB138198
	Beryllium	231	250	92	90 - 110	P	12/11/2025	20:33	LB138198
	Cadmium	2350	2500	94	90 - 110	P	12/11/2025	20:33	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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
CCV10	Calcium	23000	25000	92	90 - 110	P	12/11/2025	20:33	LB138198
	Chromium	931	1000	93	90 - 110	P	12/11/2025	20:33	LB138198
	Cobalt	2330	2500	93	90 - 110	P	12/11/2025	20:33	LB138198
	Copper	1180	1250	94	90 - 110	P	12/11/2025	20:33	LB138198
	Iron	4930	5000	99	90 - 110	P	12/11/2025	20:33	LB138198
	Lead	5010	5000	100	90 - 110	P	12/11/2025	20:33	LB138198
	Magnesium	22600	25000	91	90 - 110	P	12/11/2025	20:33	LB138198
	Manganese	2260	2500	90	90 - 110	P	12/11/2025	20:33	LB138198
	Nickel	2580	2500	103	90 - 110	P	12/11/2025	20:33	LB138198
	Potassium	23500	25000	94	90 - 110	P	12/11/2025	20:33	LB138198
	Selenium	4820	5000	96	90 - 110	P	12/11/2025	20:33	LB138198
	Silver	1170	1250	94	90 - 110	P	12/11/2025	20:33	LB138198
	Sodium	27400	25000	110	90 - 110	P	12/11/2025	20:33	LB138198
	Thallium	4940	5000	99	90 - 110	P	12/11/2025	20:33	LB138198
	Vanadium	2320	2500	93	90 - 110	P	12/11/2025	20:33	LB138198
	Zinc	2410	2500	96	90 - 110	P	12/11/2025	20:33	LB138198
CCV11	Aluminum	9200	10000	92	90 - 110	P	12/11/2025	20:55	LB138198
	Antimony	4540	5000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Arsenic	4600	5000	92	90 - 110	P	12/11/2025	20:55	LB138198
	Barium	9320	10000	93	90 - 110	P	12/11/2025	20:55	LB138198
	Beryllium	232	250	93	90 - 110	P	12/11/2025	20:55	LB138198
	Cadmium	2270	2500	91	90 - 110	P	12/11/2025	20:55	LB138198
	Calcium	23100	25000	92	90 - 110	P	12/11/2025	20:55	LB138198
	Chromium	913	1000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Cobalt	2250	2500	90	90 - 110	P	12/11/2025	20:55	LB138198
	Copper	1140	1250	91	90 - 110	P	12/11/2025	20:55	LB138198
	Iron	4740	5000	95	90 - 110	P	12/11/2025	20:55	LB138198
	Lead	4830	5000	96	90 - 110	P	12/11/2025	20:55	LB138198
	Magnesium	22600	25000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Manganese	2250	2500	90	90 - 110	P	12/11/2025	20:55	LB138198
	Nickel	2500	2500	100	90 - 110	P	12/11/2025	20:55	LB138198
	Potassium	22700	25000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Selenium	4520	5000	90	90 - 110	P	12/11/2025	20:55	LB138198
	Silver	1130	1250	91	90 - 110	P	12/11/2025	20:55	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3765

Contract: TETR16

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
CCV11	Sodium	26300	25000	105	90 - 110	P	12/11/2025	20:55	LB138198
	Thallium	4560	5000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Vanadium	2320	2500	93	90 - 110	P	12/11/2025	20:55	LB138198
	Zinc	2330	2500	93	90 - 110	P	12/11/2025	20:55	LB138198