

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1588
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1588 **SAS No.:** Q1588
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
ICV47	Mercury	4.20	4.0	105	90 - 110	CV	03/18/2025	13:42	LB135071

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1588
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1588 **SAS No.:** Q1588
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
CCV23	Mercury	5.18	5.0	104	90 - 110	CV	03/18/2025	13:47	LB135071
CCV24	Mercury	4.71	5.0	94	90 - 110	CV	03/18/2025	14:17	LB135071
CCV25	Mercury	4.79	5.0	96	90 - 110	CV	03/18/2025	14:54	LB135071

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
ICV01	Aluminum	496	500	99	90 - 110	P	03/20/2025	17:16	LB135118
	Antimony	194	200	97	90 - 110	P	03/20/2025	17:16	LB135118
	Arsenic	217	200	108	90 - 110	P	03/20/2025	17:16	LB135118
	Barium	97.0	100	97	90 - 110	P	03/20/2025	17:16	LB135118
	Beryllium	100	100	100	90 - 110	P	03/20/2025	17:16	LB135118
	Cadmium	104	100	104	90 - 110	P	03/20/2025	17:16	LB135118
	Calcium	1940	2000	97	90 - 110	P	03/20/2025	17:16	LB135118
	Chromium	100	100	100	90 - 110	P	03/20/2025	17:16	LB135118
	Cobalt	99.7	100	100	90 - 110	P	03/20/2025	17:16	LB135118
	Copper	92.6	100	93	90 - 110	P	03/20/2025	17:16	LB135118
	Iron	2120	2000	106	90 - 110	P	03/20/2025	17:16	LB135118
	Lead	194	200	97	90 - 110	P	03/20/2025	17:16	LB135118
	Magnesium	1150	1200	95	90 - 110	P	03/20/2025	17:16	LB135118
	Manganese	96.9	100	97	90 - 110	P	03/20/2025	17:16	LB135118
	Nickel	110	110	100	90 - 110	P	03/20/2025	17:16	LB135118
	Potassium	1920	2000	96	90 - 110	P	03/20/2025	17:16	LB135118
	Selenium	197	200	98	90 - 110	P	03/20/2025	17:16	LB135118
	Silver	49.8	50.0	100	90 - 110	P	03/20/2025	17:16	LB135118
	Sodium	1820	2000	91	90 - 110	P	03/20/2025	17:16	LB135118
	Thallium	211	210	100	90 - 110	P	03/20/2025	17:16	LB135118
	Vanadium	97.6	100	98	90 - 110	P	03/20/2025	17:16	LB135118
	Zinc	181	200	90	90 - 110	P	03/20/2025	17:16	LB135118

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Client: Weston Solutions **SDG No.:** Q1588
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1588 **SAS No.:** Q1588
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
LLICV01	Aluminum	18.9	20.0	95	80 - 120	P	03/20/2025	17:19	LB135118
	Antimony	2.14	2.0	107	80 - 120	P	03/20/2025	17:19	LB135118
	Arsenic	1.14	1.0	114	80 - 120	P	03/20/2025	17:19	LB135118
	Barium	9.92	10.0	99	80 - 120	P	03/20/2025	17:19	LB135118
	Beryllium	1.15	1.0	115	80 - 120	P	03/20/2025	17:19	LB135118
	Cadmium	1.19	1.0	119	80 - 120	P	03/20/2025	17:19	LB135118
	Calcium	531	500	106	80 - 120	P	03/20/2025	17:19	LB135118
	Chromium	2.04	2.0	102	80 - 120	P	03/20/2025	17:19	LB135118
	Cobalt	1.08	1.0	108	80 - 120	P	03/20/2025	17:19	LB135118
	Copper	1.85	2.0	92	80 - 120	P	03/20/2025	17:19	LB135118
	Iron	57.9	50.0	116	80 - 120	P	03/20/2025	17:19	LB135118
	Lead	1.04	1.0	104	80 - 120	P	03/20/2025	17:19	LB135118
	Magnesium	477	500	95	80 - 120	P	03/20/2025	17:19	LB135118
	Manganese	0.97	1.0	97	80 - 120	P	03/20/2025	17:19	LB135118
	Nickel	1.10	1.0	110	80 - 120	P	03/20/2025	17:19	LB135118
	Potassium	500	500	100	80 - 120	P	03/20/2025	17:19	LB135118
	Selenium	5.19	5.0	104	80 - 120	P	03/20/2025	17:19	LB135118
	Silver	1.06	1.0	106	80 - 120	P	03/20/2025	17:19	LB135118
	Sodium	472	500	94	80 - 120	P	03/20/2025	17:19	LB135118
	Thallium	0.92	1.0	92	80 - 120	P	03/20/2025	17:19	LB135118
	Vanadium	5.24	5.0	105	80 - 120	P	03/20/2025	17:19	LB135118
	Zinc	4.82	5.0	96	80 - 120	P	03/20/2025	17:19	LB135118

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
CCV01	Aluminum	49500	50000	99	90 - 110	P	03/20/2025	17:49	LB135118
	Antimony	514	500	103	90 - 110	P	03/20/2025	17:49	LB135118
	Arsenic	497	500	100	90 - 110	P	03/20/2025	17:49	LB135118
	Barium	2590	2500	103	90 - 110	P	03/20/2025	17:49	LB135118
	Beryllium	517	500	103	90 - 110	P	03/20/2025	17:49	LB135118
	Cadmium	499	500	100	90 - 110	P	03/20/2025	17:49	LB135118
	Calcium	258000	250000	103	90 - 110	P	03/20/2025	17:49	LB135118
	Chromium	517	500	104	90 - 110	P	03/20/2025	17:49	LB135118
	Cobalt	512	500	102	90 - 110	P	03/20/2025	17:49	LB135118
	Copper	5010	5000	100	90 - 110	P	03/20/2025	17:49	LB135118
	Iron	133000	125000	106	90 - 110	P	03/20/2025	17:49	LB135118
	Lead	2600	2500	104	90 - 110	P	03/20/2025	17:49	LB135118
	Magnesium	254000	250000	101	90 - 110	P	03/20/2025	17:49	LB135118
	Manganese	5090	5000	102	90 - 110	P	03/20/2025	17:49	LB135118
	Nickel	495	500	99	90 - 110	P	03/20/2025	17:49	LB135118
	Potassium	127000	125000	101	90 - 110	P	03/20/2025	17:49	LB135118
	Selenium	491	500	98	90 - 110	P	03/20/2025	17:49	LB135118
	Silver	489	500	98	90 - 110	P	03/20/2025	17:49	LB135118
	Sodium	250000	250000	100	90 - 110	P	03/20/2025	17:49	LB135118
	Thallium	516	500	103	90 - 110	P	03/20/2025	17:49	LB135118
	Vanadium	478	500	96	90 - 110	P	03/20/2025	17:49	LB135118
	Zinc	4860	5000	97	90 - 110	P	03/20/2025	17:49	LB135118
CCV02	Aluminum	50000	50000	100	90 - 110	P	03/20/2025	18:36	LB135118
	Antimony	506	500	101	90 - 110	P	03/20/2025	18:36	LB135118
	Arsenic	503	500	101	90 - 110	P	03/20/2025	18:36	LB135118
	Barium	2520	2500	101	90 - 110	P	03/20/2025	18:36	LB135118
	Beryllium	502	500	100	90 - 110	P	03/20/2025	18:36	LB135118
	Cadmium	487	500	98	90 - 110	P	03/20/2025	18:36	LB135118
	Calcium	251000	250000	100	90 - 110	P	03/20/2025	18:36	LB135118
	Chromium	514	500	103	90 - 110	P	03/20/2025	18:36	LB135118
	Cobalt	512	500	102	90 - 110	P	03/20/2025	18:36	LB135118
	Copper	5000	5000	100	90 - 110	P	03/20/2025	18:36	LB135118
	Iron	134000	125000	107	90 - 110	P	03/20/2025	18:36	LB135118
	Lead	2530	2500	101	90 - 110	P	03/20/2025	18:36	LB135118

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
CCV02	Magnesium	252000	250000	101	90 - 110	P	03/20/2025	18:36	LB135118
	Manganese	5080	5000	102	90 - 110	P	03/20/2025	18:36	LB135118
	Nickel	496	500	99	90 - 110	P	03/20/2025	18:36	LB135118
	Potassium	127000	125000	101	90 - 110	P	03/20/2025	18:36	LB135118
	Selenium	491	500	98	90 - 110	P	03/20/2025	18:36	LB135118
	Silver	476	500	95	90 - 110	P	03/20/2025	18:36	LB135118
	Sodium	254000	250000	101	90 - 110	P	03/20/2025	18:36	LB135118
	Thallium	508	500	102	90 - 110	P	03/20/2025	18:36	LB135118
	Vanadium	477	500	96	90 - 110	P	03/20/2025	18:36	LB135118
	Zinc	4840	5000	97	90 - 110	P	03/20/2025	18:36	LB135118

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Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
ICV01	Aluminum	493	500	99	90 - 110	P	03/23/2025	15:35	LB135143
	Antimony	195	200	97	90 - 110	P	03/23/2025	15:35	LB135143
	Arsenic	215	200	107	90 - 110	P	03/23/2025	15:35	LB135143
	Barium	96.7	100	97	90 - 110	P	03/23/2025	15:35	LB135143
	Beryllium	96.7	100	97	90 - 110	P	03/23/2025	15:35	LB135143
	Cadmium	105	100	105	90 - 110	P	03/23/2025	15:35	LB135143
	Calcium	1880	2000	94	90 - 110	P	03/23/2025	15:35	LB135143
	Chromium	96.5	100	96	90 - 110	P	03/23/2025	15:35	LB135143
	Cobalt	96.6	100	97	90 - 110	P	03/23/2025	15:35	LB135143
	Copper	99.4	100	99	90 - 110	P	03/23/2025	15:35	LB135143
	Iron	2040	2000	102	90 - 110	P	03/23/2025	15:35	LB135143
	Lead	207	200	103	90 - 110	P	03/23/2025	15:35	LB135143
	Magnesium	1110	1200	93	90 - 110	P	03/23/2025	15:35	LB135143
	Manganese	101	100	101	90 - 110	P	03/23/2025	15:35	LB135143
	Nickel	120	110	110	90 - 110	P	03/23/2025	15:35	LB135143
	Potassium	1890	2000	94	90 - 110	P	03/23/2025	15:35	LB135143
	Selenium	220	200	110	90 - 110	P	03/23/2025	15:35	LB135143
	Silver	47.9	50.0	96	90 - 110	P	03/23/2025	15:35	LB135143
	Sodium	1870	2000	93	90 - 110	P	03/23/2025	15:35	LB135143
	Thallium	207	210	99	90 - 110	P	03/23/2025	15:35	LB135143
	Vanadium	93.5	100	94	90 - 110	P	03/23/2025	15:35	LB135143
	Zinc	185	200	93	90 - 110	P	03/23/2025	15:35	LB135143

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Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
LLICV	Aluminum	18.0	20.0	90	80 - 120	P	03/23/2025	15:47	LB135143
	Antimony	1.91	2.0	96	80 - 120	P	03/23/2025	15:47	LB135143
	Arsenic	1.16	1.0	116	80 - 120	P	03/23/2025	15:47	LB135143
	Barium	9.20	10.0	92	80 - 120	P	03/23/2025	15:47	LB135143
	Beryllium	1.03	1.0	103	80 - 120	P	03/23/2025	15:47	LB135143
	Cadmium	0.99	1.0	99	80 - 120	P	03/23/2025	15:47	LB135143
	Calcium	451	500	90	80 - 120	P	03/23/2025	15:47	LB135143
	Chromium	1.85	2.0	92	80 - 120	P	03/23/2025	15:47	LB135143
	Cobalt	0.97	1.0	97	80 - 120	P	03/23/2025	15:47	LB135143
	Copper	1.77	2.0	88	80 - 120	P	03/23/2025	15:47	LB135143
	Iron	54.4	50.0	109	80 - 120	P	03/23/2025	15:47	LB135143
	Lead	0.82	1.0	82	80 - 120	P	03/23/2025	15:47	LB135143
	Magnesium	441	500	88	80 - 120	P	03/23/2025	15:47	LB135143
	Manganese	0.81	1.0	81	80 - 120	P	03/23/2025	15:47	LB135143
	Nickel	0.89	1.0	89	80 - 120	P	03/23/2025	15:47	LB135143
	Potassium	463	500	93	80 - 120	P	03/23/2025	15:47	LB135143
	Selenium	5.09	5.0	102	80 - 120	P	03/23/2025	15:47	LB135143
	Silver	0.99	1.0	99	80 - 120	P	03/23/2025	15:47	LB135143
	Sodium	440	500	88	80 - 120	P	03/23/2025	15:47	LB135143
	Thallium	0.87	1.0	87	80 - 120	P	03/23/2025	15:47	LB135143
	Vanadium	4.50	5.0	90	80 - 120	P	03/23/2025	15:47	LB135143
	Zinc	4.30	5.0	86	80 - 120	P	03/23/2025	15:47	LB135143

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
CCV01	Aluminum	49800	50000	100	90 - 110	P	03/23/2025	16:00	LB135143
	Antimony	504	500	101	90 - 110	P	03/23/2025	16:00	LB135143
	Arsenic	487	500	97	90 - 110	P	03/23/2025	16:00	LB135143
	Barium	2560	2500	103	90 - 110	P	03/23/2025	16:00	LB135143
	Beryllium	453	500	91	90 - 110	P	03/23/2025	16:00	LB135143
	Cadmium	457	500	91	90 - 110	P	03/23/2025	16:00	LB135143
	Calcium	246000	250000	98	90 - 110	P	03/23/2025	16:00	LB135143
	Chromium	503	500	100	90 - 110	P	03/23/2025	16:00	LB135143
	Cobalt	490	500	98	90 - 110	P	03/23/2025	16:00	LB135143
	Copper	5040	5000	101	90 - 110	P	03/23/2025	16:00	LB135143
	Iron	129000	125000	103	90 - 110	P	03/23/2025	16:00	LB135143
	Lead	2580	2500	103	90 - 110	P	03/23/2025	16:00	LB135143
	Magnesium	248000	250000	99	90 - 110	P	03/23/2025	16:00	LB135143
	Manganese	4980	5000	100	90 - 110	P	03/23/2025	16:00	LB135143
	Nickel	508	500	102	90 - 110	P	03/23/2025	16:00	LB135143
	Potassium	124000	125000	99	90 - 110	P	03/23/2025	16:00	LB135143
	Selenium	478	500	96	90 - 110	P	03/23/2025	16:00	LB135143
	Silver	457	500	91	90 - 110	P	03/23/2025	16:00	LB135143
	Sodium	244000	250000	98	90 - 110	P	03/23/2025	16:00	LB135143
	Thallium	527	500	105	90 - 110	P	03/23/2025	16:00	LB135143
	Vanadium	505	500	101	90 - 110	P	03/23/2025	16:00	LB135143
	Zinc	4890	5000	98	90 - 110	P	03/23/2025	16:00	LB135143
CCV02	Aluminum	50700	50000	101	90 - 110	P	03/23/2025	16:45	LB135143
	Antimony	502	500	100	90 - 110	P	03/23/2025	16:45	LB135143
	Arsenic	492	500	98	90 - 110	P	03/23/2025	16:45	LB135143
	Barium	2550	2500	102	90 - 110	P	03/23/2025	16:45	LB135143
	Beryllium	492	500	98	90 - 110	P	03/23/2025	16:45	LB135143
	Cadmium	457	500	91	90 - 110	P	03/23/2025	16:45	LB135143
	Calcium	250000	250000	100	90 - 110	P	03/23/2025	16:45	LB135143
	Chromium	505	500	101	90 - 110	P	03/23/2025	16:45	LB135143
	Cobalt	501	500	100	90 - 110	P	03/23/2025	16:45	LB135143
	Copper	5150	5000	103	90 - 110	P	03/23/2025	16:45	LB135143
	Iron	131000	125000	105	90 - 110	P	03/23/2025	16:45	LB135143
	Lead	2540	2500	102	90 - 110	P	03/23/2025	16:45	LB135143

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1588
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1588 **SAS No.:** Q1588
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
CCV02	Magnesium	252000	250000	101	90 - 110	P	03/23/2025	16:45	LB135143
	Manganese	5030	5000	101	90 - 110	P	03/23/2025	16:45	LB135143
	Nickel	516	500	103	90 - 110	P	03/23/2025	16:45	LB135143
	Potassium	128000	125000	102	90 - 110	P	03/23/2025	16:45	LB135143
	Selenium	477	500	95	90 - 110	P	03/23/2025	16:45	LB135143
	Silver	458	500	92	90 - 110	P	03/23/2025	16:45	LB135143
	Sodium	252000	250000	101	90 - 110	P	03/23/2025	16:45	LB135143
	Thallium	523	500	104	90 - 110	P	03/23/2025	16:45	LB135143
	Vanadium	516	500	103	90 - 110	P	03/23/2025	16:45	LB135143
	Zinc	5020	5000	100	90 - 110	P	03/23/2025	16:45	LB135143
CCV03	Aluminum	50800	50000	102	90 - 110	P	03/23/2025	17:31	LB135143
	Antimony	496	500	99	90 - 110	P	03/23/2025	17:31	LB135143
	Arsenic	481	500	96	90 - 110	P	03/23/2025	17:31	LB135143
	Barium	2530	2500	101	90 - 110	P	03/23/2025	17:31	LB135143
	Beryllium	486	500	97	90 - 110	P	03/23/2025	17:31	LB135143
	Cadmium	453	500	91	90 - 110	P	03/23/2025	17:31	LB135143
	Calcium	248000	250000	99	90 - 110	P	03/23/2025	17:31	LB135143
	Chromium	498	500	100	90 - 110	P	03/23/2025	17:31	LB135143
	Cobalt	495	500	99	90 - 110	P	03/23/2025	17:31	LB135143
	Copper	5140	5000	103	90 - 110	P	03/23/2025	17:31	LB135143
	Iron	131000	125000	105	90 - 110	P	03/23/2025	17:31	LB135143
	Lead	2550	2500	102	90 - 110	P	03/23/2025	17:31	LB135143
	Magnesium	253000	250000	101	90 - 110	P	03/23/2025	17:31	LB135143
	Manganese	5020	5000	100	90 - 110	P	03/23/2025	17:31	LB135143
	Nickel	514	500	103	90 - 110	P	03/23/2025	17:31	LB135143
	Potassium	126000	125000	101	90 - 110	P	03/23/2025	17:31	LB135143
	Selenium	476	500	95	90 - 110	P	03/23/2025	17:31	LB135143
	Silver	454	500	91	90 - 110	P	03/23/2025	17:31	LB135143
	Sodium	253000	250000	101	90 - 110	P	03/23/2025	17:31	LB135143
	Thallium	513	500	103	90 - 110	P	03/23/2025	17:31	LB135143
	Vanadium	511	500	102	90 - 110	P	03/23/2025	17:31	LB135143
	Zinc	4950	5000	99	90 - 110	P	03/23/2025	17:31	LB135143
CCV04	Aluminum	51000	50000	102	90 - 110	P	03/23/2025	18:20	LB135143
	Antimony	511	500	102	90 - 110	P	03/23/2025	18:20	LB135143

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
CCV04	Arsenic	498	500	100	90 - 110	P	03/23/2025	18:20	LB135143
	Barium	2530	2500	101	90 - 110	P	03/23/2025	18:20	LB135143
	Beryllium	457	500	92	90 - 110	P	03/23/2025	18:20	LB135143
	Cadmium	494	500	99	90 - 110	P	03/23/2025	18:20	LB135143
	Calcium	247000	250000	99	90 - 110	P	03/23/2025	18:20	LB135143
	Chromium	501	500	100	90 - 110	P	03/23/2025	18:20	LB135143
	Cobalt	499	500	100	90 - 110	P	03/23/2025	18:20	LB135143
	Copper	5140	5000	103	90 - 110	P	03/23/2025	18:20	LB135143
	Iron	130000	125000	104	90 - 110	P	03/23/2025	18:20	LB135143
	Lead	2570	2500	103	90 - 110	P	03/23/2025	18:20	LB135143
	Magnesium	254000	250000	102	90 - 110	P	03/23/2025	18:20	LB135143
	Manganese	4980	5000	100	90 - 110	P	03/23/2025	18:20	LB135143
	Nickel	490	500	98	90 - 110	P	03/23/2025	18:20	LB135143
	Potassium	126000	125000	101	90 - 110	P	03/23/2025	18:20	LB135143
	Selenium	478	500	96	90 - 110	P	03/23/2025	18:20	LB135143
	Silver	469	500	94	90 - 110	P	03/23/2025	18:20	LB135143
	Sodium	250000	250000	100	90 - 110	P	03/23/2025	18:20	LB135143
	Thallium	521	500	104	90 - 110	P	03/23/2025	18:20	LB135143
	Vanadium	514	500	103	90 - 110	P	03/23/2025	18:20	LB135143
	Zinc	5020	5000	100	90 - 110	P	03/23/2025	18:20	LB135143

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
ICV01	Aluminum	465	500	93	90 - 110	P	03/24/2025	15:23	LB135164
	Antimony	200	200	100	90 - 110	P	03/24/2025	15:23	LB135164
	Arsenic	201	200	101	90 - 110	P	03/24/2025	15:23	LB135164
	Barium	98.9	100	99	90 - 110	P	03/24/2025	15:23	LB135164
	Beryllium	102	100	102	90 - 110	P	03/24/2025	15:23	LB135164
	Cadmium	109	100	109	90 - 110	P	03/24/2025	15:23	LB135164
	Calcium	2210	2000	110	90 - 110	P	03/24/2025	15:23	LB135164
	Chromium	102	100	102	90 - 110	P	03/24/2025	15:23	LB135164
	Cobalt	101	100	101	90 - 110	P	03/24/2025	15:23	LB135164
	Copper	93.3	100	93	90 - 110	P	03/24/2025	15:23	LB135164
	Iron	2180	2000	109	90 - 110	P	03/24/2025	15:23	LB135164
	Lead	190	200	95	90 - 110	P	03/24/2025	15:23	LB135164
	Magnesium	1080	1200	90	90 - 110	P	03/24/2025	15:23	LB135164
	Manganese	90.4	100	90	90 - 110	P	03/24/2025	15:23	LB135164
	Nickel	103	110	93	90 - 110	P	03/24/2025	15:23	LB135164
	Potassium	1960	2000	98	90 - 110	P	03/24/2025	15:23	LB135164
	Selenium	213	200	106	90 - 110	P	03/24/2025	15:23	LB135164
	Silver	49.7	50.0	99	90 - 110	P	03/24/2025	15:23	LB135164
	Sodium	1860	2000	93	90 - 110	P	03/24/2025	15:23	LB135164
	Thallium	194	210	92	90 - 110	P	03/24/2025	15:23	LB135164
	Vanadium	96.5	100	96	90 - 110	P	03/24/2025	15:23	LB135164
	Zinc	187	200	94	90 - 110	P	03/24/2025	15:23	LB135164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
LLICV01	Aluminum	20.3	20.0	102	80 - 120	P	03/24/2025	15:32	LB135164
	Antimony	2.12	2.0	106	80 - 120	P	03/24/2025	15:32	LB135164
	Arsenic	1.01	1.0	101	80 - 120	P	03/24/2025	15:32	LB135164
	Barium	10.2	10.0	102	80 - 120	P	03/24/2025	15:32	LB135164
	Beryllium	1.02	1.0	102	80 - 120	P	03/24/2025	15:32	LB135164
	Cadmium	1.07	1.0	107	80 - 120	P	03/24/2025	15:32	LB135164
	Calcium	542	500	108	80 - 120	P	03/24/2025	15:32	LB135164
	Chromium	2.13	2.0	106	80 - 120	P	03/24/2025	15:32	LB135164
	Cobalt	1.08	1.0	108	80 - 120	P	03/24/2025	15:32	LB135164
	Copper	2.02	2.0	101	80 - 120	P	03/24/2025	15:32	LB135164
	Iron	58.6	50.0	117	80 - 120	P	03/24/2025	15:32	LB135164
	Lead	0.97	1.0	97	80 - 120	P	03/24/2025	15:32	LB135164
	Magnesium	505	500	101	80 - 120	P	03/24/2025	15:32	LB135164
	Manganese	1.01	1.0	101	80 - 120	P	03/24/2025	15:32	LB135164
	Nickel	0.98	1.0	98	80 - 120	P	03/24/2025	15:32	LB135164
	Potassium	527	500	105	80 - 120	P	03/24/2025	15:32	LB135164
	Selenium	5.82	5.0	116	80 - 120	P	03/24/2025	15:32	LB135164
	Silver	1.07	1.0	107	80 - 120	P	03/24/2025	15:32	LB135164
	Sodium	503	500	100	80 - 120	P	03/24/2025	15:32	LB135164
	Thallium	0.96	1.0	96	80 - 120	P	03/24/2025	15:32	LB135164
	Vanadium	5.21	5.0	104	80 - 120	P	03/24/2025	15:32	LB135164
	Zinc	5.08	5.0	102	80 - 120	P	03/24/2025	15:32	LB135164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1588
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1588 **SAS No.:** Q1588
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
CCV01	Aluminum	47600	50000	95	90 - 110	P	03/24/2025	15:55	LB135164
	Antimony	503	500	100	90 - 110	P	03/24/2025	15:55	LB135164
	Arsenic	504	500	101	90 - 110	P	03/24/2025	15:55	LB135164
	Barium	2540	2500	102	90 - 110	P	03/24/2025	15:55	LB135164
	Beryllium	506	500	101	90 - 110	P	03/24/2025	15:55	LB135164
	Cadmium	488	500	98	90 - 110	P	03/24/2025	15:55	LB135164
	Calcium	249000	250000	99	90 - 110	P	03/24/2025	15:55	LB135164
	Chromium	506	500	101	90 - 110	P	03/24/2025	15:55	LB135164
	Cobalt	500	500	100	90 - 110	P	03/24/2025	15:55	LB135164
	Copper	4940	5000	99	90 - 110	P	03/24/2025	15:55	LB135164
	Iron	131000	125000	104	90 - 110	P	03/24/2025	15:55	LB135164
	Lead	2560	2500	102	90 - 110	P	03/24/2025	15:55	LB135164
	Magnesium	247000	250000	99	90 - 110	P	03/24/2025	15:55	LB135164
	Manganese	4970	5000	99	90 - 110	P	03/24/2025	15:55	LB135164
	Nickel	490	500	98	90 - 110	P	03/24/2025	15:55	LB135164
	Potassium	125000	125000	100	90 - 110	P	03/24/2025	15:55	LB135164
	Selenium	488	500	98	90 - 110	P	03/24/2025	15:55	LB135164
	Silver	514	500	103	90 - 110	P	03/24/2025	15:55	LB135164
	Sodium	244000	250000	98	90 - 110	P	03/24/2025	15:55	LB135164
	Thallium	511	500	102	90 - 110	P	03/24/2025	15:55	LB135164
	Vanadium	506	500	101	90 - 110	P	03/24/2025	15:55	LB135164
	Zinc	4760	5000	95	90 - 110	P	03/24/2025	15:55	LB135164
CCV02	Aluminum	47500	50000	95	90 - 110	P	03/24/2025	16:25	LB135164
	Antimony	510	500	102	90 - 110	P	03/24/2025	16:25	LB135164
	Arsenic	497	500	99	90 - 110	P	03/24/2025	16:25	LB135164
	Barium	2570	2500	103	90 - 110	P	03/24/2025	16:25	LB135164
	Beryllium	510	500	102	90 - 110	P	03/24/2025	16:25	LB135164
	Cadmium	495	500	99	90 - 110	P	03/24/2025	16:25	LB135164
	Calcium	250000	250000	100	90 - 110	P	03/24/2025	16:25	LB135164
	Chromium	503	500	101	90 - 110	P	03/24/2025	16:25	LB135164
	Cobalt	497	500	99	90 - 110	P	03/24/2025	16:25	LB135164
	Copper	4840	5000	97	90 - 110	P	03/24/2025	16:25	LB135164
	Iron	130000	125000	104	90 - 110	P	03/24/2025	16:25	LB135164
	Lead	2570	2500	103	90 - 110	P	03/24/2025	16:25	LB135164

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1588
Contract: WEST04 Lab Code: CHEM Case No.: Q1588 SAS No.: Q1588
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
CCV02	Magnesium	252000	250000	101	90 - 110	P	03/24/2025	16:25	LB135164
	Manganese	5000	5000	100	90 - 110	P	03/24/2025	16:25	LB135164
	Nickel	485	500	97	90 - 110	P	03/24/2025	16:25	LB135164
	Potassium	124000	125000	99	90 - 110	P	03/24/2025	16:25	LB135164
	Selenium	486	500	97	90 - 110	P	03/24/2025	16:25	LB135164
	Silver	516	500	103	90 - 110	P	03/24/2025	16:25	LB135164
	Sodium	241000	250000	96	90 - 110	P	03/24/2025	16:25	LB135164
	Thallium	520	500	104	90 - 110	P	03/24/2025	16:25	LB135164
	Vanadium	501	500	100	90 - 110	P	03/24/2025	16:25	LB135164
	Zinc	4720	5000	94	90 - 110	P	03/24/2025	16:25	LB135164