

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495
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
ICV61	Mercury	3.77	4.0	94	90 - 110	CV	10/31/2024	10:21	LB133227

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495
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	Mercury	4.88	5.0	98	90 - 110	CV	10/31/2024	10:25	LB133227
CCV05	Mercury	4.92	5.0	98	90 - 110	CV	10/31/2024	10:56	LB133227
CCV06	Mercury	4.95	5.0	99	90 - 110	CV	10/31/2024	11:26	LB133227
CCV07	Mercury	4.93	5.0	99	90 - 110	CV	10/31/2024	12:02	LB133227

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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	2690	2500	108	90 - 110	P	11/27/2024	12:25	LB133669
	Antimony	1030	1000	103	90 - 110	P	11/27/2024	12:25	LB133669
	Arsenic	1040	1000	104	90 - 110	P	11/27/2024	12:25	LB133669
	Barium	546	520	105	90 - 110	P	11/27/2024	12:25	LB133669
	Beryllium	516	510	101	90 - 110	P	11/27/2024	12:25	LB133669
	Boron	2510	2500	100	90 - 110	P	11/27/2024	12:25	LB133669
	Cadmium	514	510	101	90 - 110	P	11/27/2024	12:25	LB133669
	Calcium	10400	10000	104	90 - 110	P	11/27/2024	12:25	LB133669
	Chromium	528	520	102	90 - 110	P	11/27/2024	12:25	LB133669
	Cobalt	518	520	100	90 - 110	P	11/27/2024	12:25	LB133669
	Copper	532	510	104	90 - 110	P	11/27/2024	12:25	LB133669
	Iron	9930	10000	99	90 - 110	P	11/27/2024	12:25	LB133669
	Lead	1020	1000	102	90 - 110	P	11/27/2024	12:25	LB133669
	Lithium	2380	2500	95	90 - 110	P	11/27/2024	12:25	LB133669
	Magnesium	6080	6000	101	90 - 110	P	11/27/2024	12:25	LB133669
	Manganese	533	520	103	90 - 110	P	11/27/2024	12:25	LB133669
	Nickel	520	530	98	90 - 110	P	11/27/2024	12:25	LB133669
	Potassium	10100	9900	102	90 - 110	P	11/27/2024	12:25	LB133669
	Selenium	1080	1000	108	90 - 110	P	11/27/2024	12:25	LB133669
	Silicon	2460	2500	98	90 - 110	P	11/27/2024	12:25	LB133669
	Silver	255	250	102	90 - 110	P	11/27/2024	12:25	LB133669
	Sodium	9690	10000	97	90 - 110	P	11/27/2024	12:25	LB133669
	Strontium	2440	2500	98	90 - 110	P	11/27/2024	12:25	LB133669
	Sulfur	2340	2500	93	90 - 110	P	11/27/2024	12:25	LB133669
	Thallium	1080	1000	108	90 - 110	P	11/27/2024	12:25	LB133669
	Tin	2490	2500	100	90 - 110	P	11/27/2024	12:25	LB133669
	Titanium	2610	2500	104	90 - 110	P	11/27/2024	12:25	LB133669
	Vanadium	522	500	104	90 - 110	P	11/27/2024	12:25	LB133669
	Zinc	1060	1000	106	90 - 110	P	11/27/2024	12:25	LB133669

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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	106	100	106	80 - 120	P	11/27/2024	12:38	LB133669
	Antimony	51.0	50.0	102	80 - 120	P	11/27/2024	12:38	LB133669
	Arsenic	21.9	20.0	109	80 - 120	P	11/27/2024	12:38	LB133669
	Barium	99.6	100	100	80 - 120	P	11/27/2024	12:38	LB133669
	Beryllium	5.87	6.0	98	80 - 120	P	11/27/2024	12:38	LB133669
	Boron	104	100	104	80 - 120	P	11/27/2024	12:38	LB133669
	Cadmium	5.82	6.0	97	80 - 120	P	11/27/2024	12:38	LB133669
	Calcium	2010	2000	100	80 - 120	P	11/27/2024	12:38	LB133669
	Chromium	10.4	10.0	104	80 - 120	P	11/27/2024	12:38	LB133669
	Cobalt	29.5	30.0	98	80 - 120	P	11/27/2024	12:38	LB133669
	Copper	22.1	20.0	111	80 - 120	P	11/27/2024	12:38	LB133669
	Iron	98.4	100	98	80 - 120	P	11/27/2024	12:38	LB133669
	Lead	11.9	12.0	99	80 - 120	P	11/27/2024	12:38	LB133669
	Lithium	18.8	20.0	94	80 - 120	P	11/27/2024	12:38	LB133669
	Magnesium	2070	2000	103	80 - 120	P	11/27/2024	12:38	LB133669
	Manganese	20.3	20.0	102	80 - 120	P	11/27/2024	12:38	LB133669
	Nickel	39.1	40.0	98	80 - 120	P	11/27/2024	12:38	LB133669
	Potassium	1890	2000	94	80 - 120	P	11/27/2024	12:38	LB133669
	Selenium	19.7	20.0	98	80 - 120	P	11/27/2024	12:38	LB133669
	Silicon	338	400	84	80 - 120	P	11/27/2024	12:38	LB133669
	Silver	10.4	10.0	104	80 - 120	P	11/27/2024	12:38	LB133669
	Sodium	1760	2000	88	80 - 120	P	11/27/2024	12:38	LB133669
	Strontium	20.7	20.0	104	80 - 120	P	11/27/2024	12:38	LB133669
	Sulfur	18.4	20.0	92	80 - 120	P	11/27/2024	12:38	LB133669
	Thallium	42.2	40.0	106	80 - 120	P	11/27/2024	12:38	LB133669
	Tin	38.5	40.0	96	80 - 120	P	11/27/2024	12:38	LB133669
	Titanium	40.1	40.0	100	80 - 120	P	11/27/2024	12:38	LB133669
	Vanadium	39.9	40.0	100	80 - 120	P	11/27/2024	12:38	LB133669
	Zinc	47.3	40.0	118	80 - 120	P	11/27/2024	12:38	LB133669

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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	10600	10000	106	90 - 110	P	11/27/2024	14:08	LB133669
	Antimony	5250	5000	105	90 - 110	P	11/27/2024	14:08	LB133669
	Arsenic	5220	5000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Barium	10600	10000	106	90 - 110	P	11/27/2024	14:08	LB133669
	Beryllium	264	250	105	90 - 110	P	11/27/2024	14:08	LB133669
	Boron	5250	5000	105	90 - 110	P	11/27/2024	14:08	LB133669
	Cadmium	2590	2500	104	90 - 110	P	11/27/2024	14:08	LB133669
	Calcium	26100	25000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Chromium	1060	1000	106	90 - 110	P	11/27/2024	14:08	LB133669
	Cobalt	2590	2500	104	90 - 110	P	11/27/2024	14:08	LB133669
	Copper	1320	1250	106	90 - 110	P	11/27/2024	14:08	LB133669
	Iron	5210	5000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Lead	5190	5000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Lithium	5300	5000	106	90 - 110	P	11/27/2024	14:08	LB133669
	Magnesium	26000	25000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Manganese	2600	2500	104	90 - 110	P	11/27/2024	14:08	LB133669
	Nickel	2590	2500	104	90 - 110	P	11/27/2024	14:08	LB133669
	Potassium	26400	25000	106	90 - 110	P	11/27/2024	14:08	LB133669
	Selenium	5220	5000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Silicon	5210	5000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Silver	1310	1250	105	90 - 110	P	11/27/2024	14:08	LB133669
	Sodium	27000	25000	108	90 - 110	P	11/27/2024	14:08	LB133669
	Strontium	5360	5000	107	90 - 110	P	11/27/2024	14:08	LB133669
	Sulfur	5080	5000	102	90 - 110	P	11/27/2024	14:08	LB133669
	Thallium	4830	5000	97	90 - 110	P	11/27/2024	14:08	LB133669
	Tin	5180	5000	104	90 - 110	P	11/27/2024	14:08	LB133669
	Titanium	5260	5000	105	90 - 110	P	11/27/2024	14:08	LB133669
	Vanadium	2640	2500	106	90 - 110	P	11/27/2024	14:08	LB133669
	Zinc	2660	2500	106	90 - 110	P	11/27/2024	14:08	LB133669
CCV02	Aluminum	9850	10000	98	90 - 110	P	11/27/2024	15:50	LB133669
	Antimony	4830	5000	97	90 - 110	P	11/27/2024	15:50	LB133669
	Arsenic	4810	5000	96	90 - 110	P	11/27/2024	15:50	LB133669
	Barium	10100	10000	101	90 - 110	P	11/27/2024	15:50	LB133669
	Beryllium	255	250	102	90 - 110	P	11/27/2024	15:50	LB133669

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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	Boron	5080	5000	102	90 - 110	P	11/27/2024	15:50	LB133669
	Cadmium	2430	2500	97	90 - 110	P	11/27/2024	15:50	LB133669
	Calcium	25000	25000	100	90 - 110	P	11/27/2024	15:50	LB133669
	Chromium	978	1000	98	90 - 110	P	11/27/2024	15:50	LB133669
	Cobalt	2420	2500	97	90 - 110	P	11/27/2024	15:50	LB133669
	Copper	1210	1250	97	90 - 110	P	11/27/2024	15:50	LB133669
	Iron	4830	5000	97	90 - 110	P	11/27/2024	15:50	LB133669
	Lead	4880	5000	98	90 - 110	P	11/27/2024	15:50	LB133669
	Lithium	4900	5000	98	90 - 110	P	11/27/2024	15:50	LB133669
	Magnesium	24600	25000	99	90 - 110	P	11/27/2024	15:50	LB133669
	Manganese	2510	2500	101	90 - 110	P	11/27/2024	15:50	LB133669
	Nickel	2420	2500	97	90 - 110	P	11/27/2024	15:50	LB133669
	Potassium	23800	25000	95	90 - 110	P	11/27/2024	15:50	LB133669
	Selenium	4840	5000	97	90 - 110	P	11/27/2024	15:50	LB133669
	Silicon	4720	5000	94	90 - 110	P	11/27/2024	15:50	LB133669
	Silver	1220	1250	98	90 - 110	P	11/27/2024	15:50	LB133669
	Sodium	24400	25000	98	90 - 110	P	11/27/2024	15:50	LB133669
	Strontium	5120	5000	102	90 - 110	P	11/27/2024	15:50	LB133669
	Sulfur	4850	5000	97	90 - 110	P	11/27/2024	15:50	LB133669
	Thallium	4980	5000	100	90 - 110	P	11/27/2024	15:50	LB133669
	Tin	4880	5000	98	90 - 110	P	11/27/2024	15:50	LB133669
	Titanium	5000	5000	100	90 - 110	P	11/27/2024	15:50	LB133669
	Vanadium	2500	2500	100	90 - 110	P	11/27/2024	15:50	LB133669
	Zinc	2460	2500	99	90 - 110	P	11/27/2024	15:50	LB133669
CCV03	Aluminum	10600	10000	106	90 - 110	P	11/27/2024	16:03	LB133669
	Antimony	5230	5000	104	90 - 110	P	11/27/2024	16:03	LB133669
	Arsenic	5230	5000	104	90 - 110	P	11/27/2024	16:03	LB133669
	Barium	10700	10000	108	90 - 110	P	11/27/2024	16:03	LB133669
	Beryllium	272	250	109	90 - 110	P	11/27/2024	16:03	LB133669
	Boron	5400	5000	108	90 - 110	P	11/27/2024	16:03	LB133669
	Cadmium	2660	2500	106	90 - 110	P	11/27/2024	16:03	LB133669
	Calcium	26900	25000	108	90 - 110	P	11/27/2024	16:03	LB133669
	Chromium	1060	1000	106	90 - 110	P	11/27/2024	16:03	LB133669
	Cobalt	2650	2500	106	90 - 110	P	11/27/2024	16:03	LB133669

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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
CCV03	Copper	1320	1250	105	90 - 110	P	11/27/2024	16:03	LB133669
	Iron	5160	5000	103	90 - 110	P	11/27/2024	16:03	LB133669
	Lead	5310	5000	106	90 - 110	P	11/27/2024	16:03	LB133669
	Lithium	5230	5000	105	90 - 110	P	11/27/2024	16:03	LB133669
	Magnesium	26700	25000	107	90 - 110	P	11/27/2024	16:03	LB133669
	Manganese	2690	2500	108	90 - 110	P	11/27/2024	16:03	LB133669
	Nickel	2650	2500	106	90 - 110	P	11/27/2024	16:03	LB133669
	Potassium	25400	25000	101	90 - 110	P	11/27/2024	16:03	LB133669
	Selenium	5240	5000	105	90 - 110	P	11/27/2024	16:03	LB133669
	Silicon	5070	5000	101	90 - 110	P	11/27/2024	16:03	LB133669
	Silver	1300	1250	104	90 - 110	P	11/27/2024	16:03	LB133669
	Sodium	25800	25000	103	90 - 110	P	11/27/2024	16:03	LB133669
	Strontium	5470	5000	109	90 - 110	P	11/27/2024	16:03	LB133669
	Sulfur	5300	5000	106	90 - 110	P	11/27/2024	16:03	LB133669
	Thallium	5420	5000	108	90 - 110	P	11/27/2024	16:03	LB133669
	Tin	5360	5000	107	90 - 110	P	11/27/2024	16:03	LB133669
	Titanium	5370	5000	107	90 - 110	P	11/27/2024	16:03	LB133669
	Vanadium	2700	2500	108	90 - 110	P	11/27/2024	16:03	LB133669
	Zinc	2630	2500	105	90 - 110	P	11/27/2024	16:03	LB133669
CCV04	Aluminum	10600	10000	106	90 - 110	P	11/27/2024	16:39	LB133669
	Antimony	5250	5000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Arsenic	5240	5000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Barium	10700	10000	107	90 - 110	P	11/27/2024	16:39	LB133669
	Beryllium	263	250	105	90 - 110	P	11/27/2024	16:39	LB133669
	Boron	5250	5000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Cadmium	2610	2500	104	90 - 110	P	11/27/2024	16:39	LB133669
	Calcium	26300	25000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Chromium	1050	1000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Cobalt	2610	2500	104	90 - 110	P	11/27/2024	16:39	LB133669
	Copper	1310	1250	105	90 - 110	P	11/27/2024	16:39	LB133669
	Iron	5210	5000	104	90 - 110	P	11/27/2024	16:39	LB133669
	Lead	5230	5000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Lithium	5220	5000	104	90 - 110	P	11/27/2024	16:39	LB133669
	Magnesium	26200	25000	105	90 - 110	P	11/27/2024	16:39	LB133669

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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	Manganese	2630	2500	105	90 - 110	P	11/27/2024	16:39	LB133669
	Nickel	2610	2500	104	90 - 110	P	11/27/2024	16:39	LB133669
	Potassium	26000	25000	104	90 - 110	P	11/27/2024	16:39	LB133669
	Selenium	5260	5000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Silicon	5170	5000	103	90 - 110	P	11/27/2024	16:39	LB133669
	Silver	1300	1250	104	90 - 110	P	11/27/2024	16:39	LB133669
	Sodium	26000	25000	104	90 - 110	P	11/27/2024	16:39	LB133669
	Strontium	5440	5000	109	90 - 110	P	11/27/2024	16:39	LB133669
	Sulfur	5160	5000	103	90 - 110	P	11/27/2024	16:39	LB133669
	Thallium	5290	5000	106	90 - 110	P	11/27/2024	16:39	LB133669
	Tin	5260	5000	105	90 - 110	P	11/27/2024	16:39	LB133669
	Titanium	5300	5000	106	90 - 110	P	11/27/2024	16:39	LB133669
	Vanadium	2670	2500	107	90 - 110	P	11/27/2024	16:39	LB133669
	Zinc	2640	2500	106	90 - 110	P	11/27/2024	16:39	LB133669
CCV05	Aluminum	10600	10000	106	90 - 110	P	11/27/2024	17:34	LB133669
	Antimony	5170	5000	103	90 - 110	P	11/27/2024	17:34	LB133669
	Arsenic	5120	5000	102	90 - 110	P	11/27/2024	17:34	LB133669
	Barium	10600	10000	106	90 - 110	P	11/27/2024	17:34	LB133669
	Beryllium	264	250	106	90 - 110	P	11/27/2024	17:34	LB133669
	Boron	5280	5000	106	90 - 110	P	11/27/2024	17:34	LB133669
	Cadmium	2570	2500	103	90 - 110	P	11/27/2024	17:34	LB133669
	Calcium	26200	25000	105	90 - 110	P	11/27/2024	17:34	LB133669
	Chromium	1030	1000	104	90 - 110	P	11/27/2024	17:34	LB133669
	Cobalt	2570	2500	103	90 - 110	P	11/27/2024	17:34	LB133669
	Copper	1290	1250	103	90 - 110	P	11/27/2024	17:34	LB133669
	Iron	5180	5000	104	90 - 110	P	11/27/2024	17:34	LB133669
	Lead	5150	5000	103	90 - 110	P	11/27/2024	17:34	LB133669
	Lithium	5220	5000	104	90 - 110	P	11/27/2024	17:34	LB133669
	Magnesium	26000	25000	104	90 - 110	P	11/27/2024	17:34	LB133669
	Manganese	2640	2500	106	90 - 110	P	11/27/2024	17:34	LB133669
	Nickel	2570	2500	103	90 - 110	P	11/27/2024	17:34	LB133669
	Potassium	25500	25000	102	90 - 110	P	11/27/2024	17:34	LB133669
	Selenium	5130	5000	103	90 - 110	P	11/27/2024	17:34	LB133669
	Silicon	5000	5000	100	90 - 110	P	11/27/2024	17:34	LB133669

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group SDG No.: P4495

Contract: CHEM02 Lab Code: CHEM Case No.: P4495 SAS No.: P4495

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	1280	1250	102	90 - 110	P	11/27/2024	17:34	LB133669
	Sodium	26300	25000	105	90 - 110	P	11/27/2024	17:34	LB133669
	Strontium	5400	5000	108	90 - 110	P	11/27/2024	17:34	LB133669
	Sulfur	5070	5000	101	90 - 110	P	11/27/2024	17:34	LB133669
	Thallium	5060	5000	101	90 - 110	P	11/27/2024	17:34	LB133669
	Tin	5150	5000	103	90 - 110	P	11/27/2024	17:34	LB133669
	Titanium	5280	5000	106	90 - 110	P	11/27/2024	17:34	LB133669
	Vanadium	2640	2500	106	90 - 110	P	11/27/2024	17:34	LB133669
	Zinc	2560	2500	103	90 - 110	P	11/27/2024	17:34	LB133669

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495
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	2510	2500	100	90 - 110	P	12/04/2024	13:22	LB133739
	Antimony	984	1000	98	90 - 110	P	12/04/2024	13:22	LB133739
	Arsenic	977	1000	98	90 - 110	P	12/04/2024	13:22	LB133739
	Barium	508	520	98	90 - 110	P	12/04/2024	13:22	LB133739
	Beryllium	498	510	98	90 - 110	P	12/04/2024	13:22	LB133739
	Cadmium	497	510	98	90 - 110	P	12/04/2024	13:22	LB133739
	Calcium	9770	10000	98	90 - 110	P	12/04/2024	13:22	LB133739
	Chromium	511	520	98	90 - 110	P	12/04/2024	13:22	LB133739
	Cobalt	498	520	96	90 - 110	P	12/04/2024	13:22	LB133739
	Copper	509	510	100	90 - 110	P	12/04/2024	13:22	LB133739
	Iron	9610	10000	96	90 - 110	P	12/04/2024	13:22	LB133739
	Lead	983	1000	98	90 - 110	P	12/04/2024	13:22	LB133739
	Magnesium	5740	6000	96	90 - 110	P	12/04/2024	13:22	LB133739
	Manganese	505	520	97	90 - 110	P	12/04/2024	13:22	LB133739
	Nickel	500	530	94	90 - 110	P	12/04/2024	13:22	LB133739
	Potassium	9630	9900	97	90 - 110	P	12/04/2024	13:22	LB133739
	Selenium	1010	1000	100	90 - 110	P	12/04/2024	13:22	LB133739
	Silver	246	250	98	90 - 110	P	12/04/2024	13:22	LB133739
	Sodium	9770	10000	98	90 - 110	P	12/04/2024	13:22	LB133739
	Thallium	1020	1000	102	90 - 110	P	12/04/2024	13:22	LB133739
	Vanadium	499	500	100	90 - 110	P	12/04/2024	13:22	LB133739
	Zinc	1020	1000	102	90 - 110	P	12/04/2024	13:22	LB133739

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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	109	100	109	80 - 120	P	12/04/2024	13:34	LB133739
	Antimony	48.7	50.0	98	80 - 120	P	12/04/2024	13:34	LB133739
	Arsenic	18.8	20.0	94	80 - 120	P	12/04/2024	13:34	LB133739
	Barium	98.9	100	99	80 - 120	P	12/04/2024	13:34	LB133739
	Beryllium	6.05	6.0	101	80 - 120	P	12/04/2024	13:34	LB133739
	Cadmium	5.97	6.0	100	80 - 120	P	12/04/2024	13:34	LB133739
	Calcium	2010	2000	101	80 - 120	P	12/04/2024	13:34	LB133739
	Chromium	10.4	10.0	104	80 - 120	P	12/04/2024	13:34	LB133739
	Cobalt	29.4	30.0	98	80 - 120	P	12/04/2024	13:34	LB133739
	Copper	22.2	20.0	111	80 - 120	P	12/04/2024	13:34	LB133739
	Iron	99.8	100	100	80 - 120	P	12/04/2024	13:34	LB133739
	Lead	11.0	12.0	92	80 - 120	P	12/04/2024	13:34	LB133739
	Magnesium	2130	2000	106	80 - 120	P	12/04/2024	13:34	LB133739
	Manganese	21.1	20.0	105	80 - 120	P	12/04/2024	13:34	LB133739
	Nickel	39.4	40.0	98	80 - 120	P	12/04/2024	13:34	LB133739
	Potassium	1940	2000	97	80 - 120	P	12/04/2024	13:34	LB133739
	Selenium	21.4	20.0	107	80 - 120	P	12/04/2024	13:34	LB133739
	Silver	10.8	10.0	108	80 - 120	P	12/04/2024	13:34	LB133739
	Sodium	2040	2000	102	80 - 120	P	12/04/2024	13:34	LB133739
	Thallium	43.5	40.0	109	80 - 120	P	12/04/2024	13:34	LB133739
	Vanadium	40.7	40.0	102	80 - 120	P	12/04/2024	13:34	LB133739
	Zinc	43.2	40.0	108	80 - 120	P	12/04/2024	13:34	LB133739

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495

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	9930	10000	99	90 - 110	P	12/04/2024	14:20	LB133739
	Antimony	5140	5000	103	90 - 110	P	12/04/2024	14:20	LB133739
	Arsenic	5050	5000	101	90 - 110	P	12/04/2024	14:20	LB133739
	Barium	9600	10000	96	90 - 110	P	12/04/2024	14:20	LB133739
	Beryllium	229	250	92	90 - 110	P	12/04/2024	14:20	LB133739
	Cadmium	2350	2500	94	90 - 110	P	12/04/2024	14:20	LB133739
	Calcium	23000	25000	92	90 - 110	P	12/04/2024	14:20	LB133739
	Chromium	971	1000	97	90 - 110	P	12/04/2024	14:20	LB133739
	Cobalt	2360	2500	94	90 - 110	P	12/04/2024	14:20	LB133739
	Copper	1270	1250	102	90 - 110	P	12/04/2024	14:20	LB133739
	Iron	4790	5000	96	90 - 110	P	12/04/2024	14:20	LB133739
	Lead	4780	5000	96	90 - 110	P	12/04/2024	14:20	LB133739
	Magnesium	23600	25000	94	90 - 110	P	12/04/2024	14:20	LB133739
	Manganese	2290	2500	92	90 - 110	P	12/04/2024	14:20	LB133739
	Nickel	2370	2500	95	90 - 110	P	12/04/2024	14:20	LB133739
	Potassium	25600	25000	102	90 - 110	P	12/04/2024	14:20	LB133739
	Selenium	5090	5000	102	90 - 110	P	12/04/2024	14:20	LB133739
	Silver	1210	1250	97	90 - 110	P	12/04/2024	14:20	LB133739
	Sodium	26900	25000	108	90 - 110	P	12/04/2024	14:20	LB133739
	Thallium	4870	5000	97	90 - 110	P	12/04/2024	14:20	LB133739
	Vanadium	2390	2500	96	90 - 110	P	12/04/2024	14:20	LB133739
	Zinc	2520	2500	101	90 - 110	P	12/04/2024	14:20	LB133739
CCV02	Aluminum	9920	10000	99	90 - 110	P	12/04/2024	14:37	LB133739
	Antimony	5170	5000	103	90 - 110	P	12/04/2024	14:37	LB133739
	Arsenic	5090	5000	102	90 - 110	P	12/04/2024	14:37	LB133739
	Barium	9840	10000	98	90 - 110	P	12/04/2024	14:37	LB133739
	Beryllium	229	250	92	90 - 110	P	12/04/2024	14:37	LB133739
	Cadmium	2370	2500	95	90 - 110	P	12/04/2024	14:37	LB133739
	Calcium	23200	25000	93	90 - 110	P	12/04/2024	14:37	LB133739
	Chromium	969	1000	97	90 - 110	P	12/04/2024	14:37	LB133739
	Cobalt	2380	2500	95	90 - 110	P	12/04/2024	14:37	LB133739
	Copper	1280	1250	103	90 - 110	P	12/04/2024	14:37	LB133739
	Iron	4860	5000	97	90 - 110	P	12/04/2024	14:37	LB133739
	Lead	4820	5000	96	90 - 110	P	12/04/2024	14:37	LB133739

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P4495
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P4495 **SAS No.:** P4495
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	12/04/2024	14:37	LB133739
	Manganese	2320	2500	93	90 - 110	P	12/04/2024	14:37	LB133739
	Nickel	2390	2500	96	90 - 110	P	12/04/2024	14:37	LB133739
	Potassium	26000	25000	104	90 - 110	P	12/04/2024	14:37	LB133739
	Selenium	5150	5000	103	90 - 110	P	12/04/2024	14:37	LB133739
	Silver	1220	1250	97	90 - 110	P	12/04/2024	14:37	LB133739
	Sodium	27000	25000	108	90 - 110	P	12/04/2024	14:37	LB133739
	Thallium	4960	5000	99	90 - 110	P	12/04/2024	14:37	LB133739
	Vanadium	2410	2500	96	90 - 110	P	12/04/2024	14:37	LB133739
	Zinc	2550	2500	102	90 - 110	P	12/04/2024	14:37	LB133739