

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846
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
ICV29	Mercury	3.98	4.0	99	95 - 105	CV	10/08/2024	16:09	LB132826

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846
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
CCV89	Mercury	4.93	5.0	99	90 - 110	CV	10/08/2024	16:14	LB132826
CCV90	Mercury	5.33	5.0	107	90 - 110	CV	10/08/2024	16:51	LB132826
CCV91	Mercury	5.42	5.0	108	90 - 110	CV	10/08/2024	17:24	LB132826

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	2470	2500	99	95 - 105	P	10/17/2024	13:00	LB132991
	Antimony	1000	1000	100	95 - 105	P	10/17/2024	13:00	LB132991
	Arsenic	1040	1000	104	95 - 105	P	10/17/2024	13:00	LB132991
	Barium	535	520	103	95 - 105	P	10/17/2024	13:00	LB132991
	Beryllium	522	510	102	95 - 105	P	10/17/2024	13:00	LB132991
	Boron	2380	2500	95	95 - 105	P	10/17/2024	13:00	LB132991
	Cadmium	516	510	101	95 - 105	P	10/17/2024	13:00	LB132991
	Calcium	10300	10000	103	95 - 105	P	10/17/2024	13:00	LB132991
	Chromium	533	520	102	95 - 105	P	10/17/2024	13:00	LB132991
	Cobalt	519	520	100	95 - 105	P	10/17/2024	13:00	LB132991
	Copper	526	510	103	95 - 105	P	10/17/2024	13:00	LB132991
	Iron	10100	10000	101	95 - 105	P	10/17/2024	13:00	LB132991
	Lead	1030	1000	103	95 - 105	P	10/17/2024	13:00	LB132991
	Magnesium	6200	6000	103	95 - 105	P	10/17/2024	13:00	LB132991
	Manganese	536	520	103	95 - 105	P	10/17/2024	13:00	LB132991
	Molybdenum	2560	2500	102	95 - 105	P	10/17/2024	13:00	LB132991
	Nickel	556	530	105	95 - 105	P	10/17/2024	13:00	LB132991
	Potassium	9980	9900	101	95 - 105	P	10/17/2024	13:00	LB132991
	Selenium	1030	1000	103	95 - 105	P	10/17/2024	13:00	LB132991
	Silicon	2460	2500	98	95 - 105	P	10/17/2024	13:00	LB132991
	Silver	262	250	105	95 - 105	P	10/17/2024	13:00	LB132991
	Sodium	9720	10000	97	95 - 105	P	10/17/2024	13:00	LB132991
	Strontium	2470	2500	99	95 - 105	P	10/17/2024	13:00	LB132991
	Thallium	1050	1000	105	95 - 105	P	10/17/2024	13:00	LB132991
	Tin	2480	2500	99	95 - 105	P	10/17/2024	13:00	LB132991
	Titanium	2400	2500	96	95 - 105	P	10/17/2024	13:00	LB132991
	Vanadium	512	500	102	95 - 105	P	10/17/2024	13:00	LB132991
	Zinc	1030	1000	103	95 - 105	P	10/17/2024	13:00	LB132991

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846
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	96.7	100	97	80 - 120	P	10/17/2024	13:06	LB132991
	Antimony	46.6	50.0	93	80 - 120	P	10/17/2024	13:06	LB132991
	Arsenic	17.5	20.0	87	80 - 120	P	10/17/2024	13:06	LB132991
	Barium	91.1	100	91	80 - 120	P	10/17/2024	13:06	LB132991
	Beryllium	5.50	6.0	92	80 - 120	P	10/17/2024	13:06	LB132991
	Boron	96.7	100	97	80 - 120	P	10/17/2024	13:06	LB132991
	Cadmium	5.72	6.0	95	80 - 120	P	10/17/2024	13:06	LB132991
	Calcium	1780	2000	89	80 - 120	P	10/17/2024	13:06	LB132991
	Chromium	9.05	10.0	90	80 - 120	P	10/17/2024	13:06	LB132991
	Cobalt	27.3	30.0	91	80 - 120	P	10/17/2024	13:06	LB132991
	Copper	20.5	20.0	103	80 - 120	P	10/17/2024	13:06	LB132991
	Iron	99.4	100	99	80 - 120	P	10/17/2024	13:06	LB132991
	Lead	13.4	12.0	112	80 - 120	P	10/17/2024	13:06	LB132991
	Magnesium	1870	2000	93	80 - 120	P	10/17/2024	13:06	LB132991
	Manganese	18.5	20.0	92	80 - 120	P	10/17/2024	13:06	LB132991
	Molybdenum	187	200	93	80 - 120	P	10/17/2024	13:06	LB132991
	Nickel	36.3	40.0	91	80 - 120	P	10/17/2024	13:06	LB132991
	Potassium	1860	2000	93	80 - 120	P	10/17/2024	13:06	LB132991
	Selenium	18.2	20.0	91	80 - 120	P	10/17/2024	13:06	LB132991
	Silicon	331	400	83	80 - 120	P	10/17/2024	13:06	LB132991
	Silver	10.9	10.0	109	80 - 120	P	10/17/2024	13:06	LB132991
	Sodium	1800	2000	90	80 - 120	P	10/17/2024	13:06	LB132991
	Strontium	19.0	20.0	95	80 - 120	P	10/17/2024	13:06	LB132991
	Thallium	38.6	40.0	96	80 - 120	P	10/17/2024	13:06	LB132991
	Tin	32.4	40.0	81	80 - 120	P	10/17/2024	13:06	LB132991
	Titanium	34.9	40.0	87	80 - 120	P	10/17/2024	13:06	LB132991
	Vanadium	35.8	40.0	90	80 - 120	P	10/17/2024	13:06	LB132991
	Zinc	40.0	40.0	100	80 - 120	P	10/17/2024	13:06	LB132991

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	9720	10000	97	90 - 110	P	10/17/2024	14:14	LB132991
	Antimony	5000	5000	100	90 - 110	P	10/17/2024	14:14	LB132991
	Arsenic	5010	5000	100	90 - 110	P	10/17/2024	14:14	LB132991
	Barium	9840	10000	98	90 - 110	P	10/17/2024	14:14	LB132991
	Beryllium	245	250	98	90 - 110	P	10/17/2024	14:14	LB132991
	Boron	4900	5000	98	90 - 110	P	10/17/2024	14:14	LB132991
	Cadmium	2500	2500	100	90 - 110	P	10/17/2024	14:14	LB132991
	Calcium	24300	25000	97	90 - 110	P	10/17/2024	14:14	LB132991
	Chromium	988	1000	99	90 - 110	P	10/17/2024	14:14	LB132991
	Cobalt	2490	2500	100	90 - 110	P	10/17/2024	14:14	LB132991
	Copper	1260	1250	101	90 - 110	P	10/17/2024	14:14	LB132991
	Iron	4900	5000	98	90 - 110	P	10/17/2024	14:14	LB132991
	Lead	4990	5000	100	90 - 110	P	10/17/2024	14:14	LB132991
	Magnesium	24100	25000	96	90 - 110	P	10/17/2024	14:14	LB132991
	Manganese	2430	2500	97	90 - 110	P	10/17/2024	14:14	LB132991
	Molybdenum	5020	5000	100	90 - 110	P	10/17/2024	14:14	LB132991
	Nickel	2500	2500	100	90 - 110	P	10/17/2024	14:14	LB132991
	Potassium	24600	25000	98	90 - 110	P	10/17/2024	14:14	LB132991
	Selenium	5010	5000	100	90 - 110	P	10/17/2024	14:14	LB132991
	Silicon	4720	5000	94	90 - 110	P	10/17/2024	14:14	LB132991
	Silver	1230	1250	99	90 - 110	P	10/17/2024	14:14	LB132991
	Sodium	24500	25000	98	90 - 110	P	10/17/2024	14:14	LB132991
	Strontium	4990	5000	100	90 - 110	P	10/17/2024	14:14	LB132991
	Thallium	5070	5000	102	90 - 110	P	10/17/2024	14:14	LB132991
	Tin	5030	5000	101	90 - 110	P	10/17/2024	14:14	LB132991
	Titanium	4880	5000	98	90 - 110	P	10/17/2024	14:14	LB132991
	Vanadium	2440	2500	98	90 - 110	P	10/17/2024	14:14	LB132991
	Zinc	2490	2500	100	90 - 110	P	10/17/2024	14:14	LB132991
CCV02	Aluminum	9720	10000	97	90 - 110	P	10/17/2024	15:40	LB132991
	Antimony	4890	5000	98	90 - 110	P	10/17/2024	15:40	LB132991
	Arsenic	4910	5000	98	90 - 110	P	10/17/2024	15:40	LB132991
	Barium	9720	10000	97	90 - 110	P	10/17/2024	15:40	LB132991
	Beryllium	250	250	100	90 - 110	P	10/17/2024	15:40	LB132991
	Boron	4980	5000	100	90 - 110	P	10/17/2024	15:40	LB132991

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Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	Cadmium	2480	2500	99	90 - 110	P	10/17/2024	15:40	LB132991
	Calcium	24600	25000	98	90 - 110	P	10/17/2024	15:40	LB132991
	Chromium	1000	1000	100	90 - 110	P	10/17/2024	15:40	LB132991
	Cobalt	2470	2500	99	90 - 110	P	10/17/2024	15:40	LB132991
	Copper	1240	1250	99	90 - 110	P	10/17/2024	15:40	LB132991
	Iron	4870	5000	98	90 - 110	P	10/17/2024	15:40	LB132991
	Lead	4960	5000	99	90 - 110	P	10/17/2024	15:40	LB132991
	Magnesium	24400	25000	98	90 - 110	P	10/17/2024	15:40	LB132991
	Manganese	2450	2500	98	90 - 110	P	10/17/2024	15:40	LB132991
	Molybdenum	4950	5000	99	90 - 110	P	10/17/2024	15:40	LB132991
	Nickel	2480	2500	99	90 - 110	P	10/17/2024	15:40	LB132991
	Potassium	24200	25000	97	90 - 110	P	10/17/2024	15:40	LB132991
	Selenium	4890	5000	98	90 - 110	P	10/17/2024	15:40	LB132991
	Silicon	4720	5000	94	90 - 110	P	10/17/2024	15:40	LB132991
	Silver	1240	1250	99	90 - 110	P	10/17/2024	15:40	LB132991
	Sodium	24100	25000	96	90 - 110	P	10/17/2024	15:40	LB132991
	Strontium	5000	5000	100	90 - 110	P	10/17/2024	15:40	LB132991
	Thallium	4970	5000	99	90 - 110	P	10/17/2024	15:40	LB132991
	Tin	4990	5000	100	90 - 110	P	10/17/2024	15:40	LB132991
	Titanium	4900	5000	98	90 - 110	P	10/17/2024	15:40	LB132991
	Vanadium	2450	2500	98	90 - 110	P	10/17/2024	15:40	LB132991
	Zinc	2500	2500	100	90 - 110	P	10/17/2024	15:40	LB132991
CCV03	Aluminum	9800	10000	98	90 - 110	P	10/17/2024	15:57	LB132991
	Antimony	4970	5000	100	90 - 110	P	10/17/2024	15:57	LB132991
	Arsenic	5170	5000	103	90 - 110	P	10/17/2024	15:57	LB132991
	Barium	9830	10000	98	90 - 110	P	10/17/2024	15:57	LB132991
	Beryllium	251	250	100	90 - 110	P	10/17/2024	15:57	LB132991
	Boron	5040	5000	101	90 - 110	P	10/17/2024	15:57	LB132991
	Cadmium	2570	2500	103	90 - 110	P	10/17/2024	15:57	LB132991
	Calcium	24700	25000	99	90 - 110	P	10/17/2024	15:57	LB132991
	Chromium	1020	1000	102	90 - 110	P	10/17/2024	15:57	LB132991
	Cobalt	2490	2500	100	90 - 110	P	10/17/2024	15:57	LB132991
	Copper	1250	1250	100	90 - 110	P	10/17/2024	15:57	LB132991
	Iron	5000	5000	100	90 - 110	P	10/17/2024	15:57	LB132991

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	Lead	5130	5000	102	90 - 110	P	10/17/2024	15:57	LB132991
	Magnesium	24600	25000	98	90 - 110	P	10/17/2024	15:57	LB132991
	Manganese	2450	2500	98	90 - 110	P	10/17/2024	15:57	LB132991
	Molybdenum	5030	5000	101	90 - 110	P	10/17/2024	15:57	LB132991
	Nickel	2500	2500	100	90 - 110	P	10/17/2024	15:57	LB132991
	Potassium	24800	25000	99	90 - 110	P	10/17/2024	15:57	LB132991
	Selenium	5090	5000	102	90 - 110	P	10/17/2024	15:57	LB132991
	Silicon	5290	5000	106	90 - 110	P	10/17/2024	15:57	LB132991
	Silver	1260	1250	101	90 - 110	P	10/17/2024	15:57	LB132991
	Sodium	24700	25000	99	90 - 110	P	10/17/2024	15:57	LB132991
	Strontium	5030	5000	101	90 - 110	P	10/17/2024	15:57	LB132991
	Thallium	5130	5000	103	90 - 110	P	10/17/2024	15:57	LB132991
	Tin	5070	5000	101	90 - 110	P	10/17/2024	15:57	LB132991
	Titanium	4960	5000	99	90 - 110	P	10/17/2024	15:57	LB132991
	Vanadium	2460	2500	98	90 - 110	P	10/17/2024	15:57	LB132991
	Zinc	2550	2500	102	90 - 110	P	10/17/2024	15:57	LB132991

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Client: Chemtech Consulting Group **SDG No.:** P3846

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	2330	2500	93	95 - 105	P	10/18/2024	13:08	LB133014
	Antimony	1020	1000	102	95 - 105	P	10/18/2024	13:08	LB133014
	Arsenic	1030	1000	103	95 - 105	P	10/18/2024	13:08	LB133014
	Barium	498	520	96	95 - 105	P	10/18/2024	13:08	LB133014
	Beryllium	504	510	99	95 - 105	P	10/18/2024	13:08	LB133014
	Cadmium	517	510	101	95 - 105	P	10/18/2024	13:08	LB133014
	Calcium	9990	10000	100	95 - 105	P	10/18/2024	13:08	LB133014
	Chromium	551	520	106	95 - 105	P	10/18/2024	13:08	LB133014
	Cobalt	533	520	103	95 - 105	P	10/18/2024	13:08	LB133014
	Copper	544	510	107	95 - 105	P	10/18/2024	13:08	LB133014
	Iron	10500	10000	104	95 - 105	P	10/18/2024	13:08	LB133014
	Lead	1030	1000	103	95 - 105	P	10/18/2024	13:08	LB133014
	Magnesium	5790	6000	96	95 - 105	P	10/18/2024	13:08	LB133014
	Manganese	512	520	98	95 - 105	P	10/18/2024	13:08	LB133014
	Nickel	536	530	101	95 - 105	P	10/18/2024	13:08	LB133014
	Potassium	10300	9900	104	95 - 105	P	10/18/2024	13:08	LB133014
	Selenium	1030	1000	103	95 - 105	P	10/18/2024	13:08	LB133014
	Silver	269	250	108	95 - 105	P	10/18/2024	13:08	LB133014
	Sodium	10100	10000	101	95 - 105	P	10/18/2024	13:08	LB133014
	Thallium	1080	1000	108	95 - 105	P	10/18/2024	13:08	LB133014
	Vanadium	486	500	97	95 - 105	P	10/18/2024	13:08	LB133014
	Zinc	1070	1000	107	95 - 105	P	10/18/2024	13:08	LB133014

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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	95.8	100	96	80 - 120	P	10/18/2024	13:13	LB133014
	Antimony	47.7	50.0	95	80 - 120	P	10/18/2024	13:13	LB133014
	Arsenic	19.3	20.0	97	80 - 120	P	10/18/2024	13:13	LB133014
	Barium	92.1	100	92	80 - 120	P	10/18/2024	13:13	LB133014
	Beryllium	5.87	6.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Cadmium	5.61	6.0	94	80 - 120	P	10/18/2024	13:13	LB133014
	Calcium	1900	2000	95	80 - 120	P	10/18/2024	13:13	LB133014
	Chromium	9.84	10.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Cobalt	28.9	30.0	96	80 - 120	P	10/18/2024	13:13	LB133014
	Copper	21.7	20.0	108	80 - 120	P	10/18/2024	13:13	LB133014
	Iron	105	100	105	80 - 120	P	10/18/2024	13:13	LB133014
	Lead	14.2	12.0	118	80 - 120	P	10/18/2024	13:13	LB133014
	Magnesium	2010	2000	100	80 - 120	P	10/18/2024	13:13	LB133014
	Manganese	19.0	20.0	95	80 - 120	P	10/18/2024	13:13	LB133014
	Nickel	38.7	40.0	97	80 - 120	P	10/18/2024	13:13	LB133014
	Potassium	1920	2000	96	80 - 120	P	10/18/2024	13:13	LB133014
	Selenium	17.4	20.0	87	80 - 120	P	10/18/2024	13:13	LB133014
	Silver	11.8	10.0	118	80 - 120	P	10/18/2024	13:13	LB133014
	Sodium	1880	2000	94	80 - 120	P	10/18/2024	13:13	LB133014
	Thallium	39.2	40.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Vanadium	37.8	40.0	94	80 - 120	P	10/18/2024	13:13	LB133014
	Zinc	41.1	40.0	103	80 - 120	P	10/18/2024	13:13	LB133014

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	9900	10000	99	90 - 110	P	10/18/2024	14:00	LB133014
	Antimony	5110	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Arsenic	5310	5000	106	90 - 110	P	10/18/2024	14:00	LB133014
	Barium	9920	10000	99	90 - 110	P	10/18/2024	14:00	LB133014
	Beryllium	251	250	100	90 - 110	P	10/18/2024	14:00	LB133014
	Cadmium	2620	2500	105	90 - 110	P	10/18/2024	14:00	LB133014
	Calcium	25000	25000	100	90 - 110	P	10/18/2024	14:00	LB133014
	Chromium	1030	1000	103	90 - 110	P	10/18/2024	14:00	LB133014
	Cobalt	2530	2500	101	90 - 110	P	10/18/2024	14:00	LB133014
	Copper	1280	1250	102	90 - 110	P	10/18/2024	14:00	LB133014
	Iron	5120	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Lead	5220	5000	104	90 - 110	P	10/18/2024	14:00	LB133014
	Magnesium	25000	25000	100	90 - 110	P	10/18/2024	14:00	LB133014
	Manganese	2480	2500	99	90 - 110	P	10/18/2024	14:00	LB133014
	Nickel	2530	2500	101	90 - 110	P	10/18/2024	14:00	LB133014
	Potassium	25400	25000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Selenium	5250	5000	105	90 - 110	P	10/18/2024	14:00	LB133014
	Silver	1280	1250	103	90 - 110	P	10/18/2024	14:00	LB133014
	Sodium	25200	25000	101	90 - 110	P	10/18/2024	14:00	LB133014
	Thallium	5120	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Vanadium	2490	2500	100	90 - 110	P	10/18/2024	14:00	LB133014
	Zinc	2560	2500	102	90 - 110	P	10/18/2024	14:00	LB133014
CCV02	Aluminum	9570	10000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Antimony	4850	5000	97	90 - 110	P	10/18/2024	14:53	LB133014
	Arsenic	5040	5000	101	90 - 110	P	10/18/2024	14:53	LB133014
	Barium	9490	10000	95	90 - 110	P	10/18/2024	14:53	LB133014
	Beryllium	246	250	98	90 - 110	P	10/18/2024	14:53	LB133014
	Cadmium	2500	2500	100	90 - 110	P	10/18/2024	14:53	LB133014
	Calcium	24000	25000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Chromium	1000	1000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Cobalt	2410	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Copper	1210	1250	96	90 - 110	P	10/18/2024	14:53	LB133014
	Iron	5030	5000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Lead	5010	5000	100	90 - 110	P	10/18/2024	14:53	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	10/18/2024	14:53	LB133014
	Manganese	2390	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Nickel	2410	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Potassium	24900	25000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Selenium	4990	5000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Silver	1260	1250	101	90 - 110	P	10/18/2024	14:53	LB133014
	Sodium	24800	25000	99	90 - 110	P	10/18/2024	14:53	LB133014
	Thallium	5350	5000	107	90 - 110	P	10/18/2024	14:53	LB133014
	Vanadium	2390	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Zinc	2500	2500	100	90 - 110	P	10/18/2024	14:53	LB133014
CCV03	Aluminum	9330	10000	93	90 - 110	P	10/18/2024	16:05	LB133014
	Antimony	4690	5000	94	90 - 110	P	10/18/2024	16:05	LB133014
	Arsenic	4920	5000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Barium	9220	10000	92	90 - 110	P	10/18/2024	16:05	LB133014
	Beryllium	255	250	102	90 - 110	P	10/18/2024	16:05	LB133014
	Cadmium	2500	2500	100	90 - 110	P	10/18/2024	16:05	LB133014
	Calcium	23900	25000	96	90 - 110	P	10/18/2024	16:05	LB133014
	Chromium	984	1000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Cobalt	2390	2500	96	90 - 110	P	10/18/2024	16:05	LB133014
	Copper	1180	1250	94	90 - 110	P	10/18/2024	16:05	LB133014
	Iron	4600	5000	92	90 - 110	P	10/18/2024	16:05	LB133014
	Lead	4990	5000	100	90 - 110	P	10/18/2024	16:05	LB133014
	Magnesium	23600	25000	94	90 - 110	P	10/18/2024	16:05	LB133014
	Manganese	2290	2500	92	90 - 110	P	10/18/2024	16:05	LB133014
	Nickel	2400	2500	96	90 - 110	P	10/18/2024	16:05	LB133014
	Potassium	22500	25000	90	90 - 110	P	10/18/2024	16:05	LB133014
	Selenium	4840	5000	97	90 - 110	P	10/18/2024	16:05	LB133014
	Silver	1200	1250	96	90 - 110	P	10/18/2024	16:05	LB133014
	Sodium	24500	25000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Thallium	5190	5000	104	90 - 110	P	10/18/2024	16:05	LB133014
	Vanadium	2310	2500	92	90 - 110	P	10/18/2024	16:05	LB133014
	Zinc	2360	2500	95	90 - 110	P	10/18/2024	16:05	LB133014
CCV04	Aluminum	9210	10000	92	90 - 110	P	10/18/2024	17:28	LB133014
	Antimony	4730	5000	95	90 - 110	P	10/18/2024	17:28	LB133014

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Chemtech Consulting Group **SDG No.:** P3846

Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846

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	4890	5000	98	90 - 110	P	10/18/2024	17:28	LB133014
	Barium	9280	10000	93	90 - 110	P	10/18/2024	17:28	LB133014
	Beryllium	242	250	97	90 - 110	P	10/18/2024	17:28	LB133014
	Cadmium	2420	2500	97	90 - 110	P	10/18/2024	17:28	LB133014
	Calcium	23100	25000	92	90 - 110	P	10/18/2024	17:28	LB133014
	Chromium	954	1000	95	90 - 110	P	10/18/2024	17:28	LB133014
	Cobalt	2330	2500	93	90 - 110	P	10/18/2024	17:28	LB133014
	Copper	1170	1250	94	90 - 110	P	10/18/2024	17:28	LB133014
	Iron	4840	5000	97	90 - 110	P	10/18/2024	17:28	LB133014
	Lead	4850	5000	97	90 - 110	P	10/18/2024	17:28	LB133014
	Magnesium	24800	25000	99	90 - 110	P	10/18/2024	17:28	LB133014
	Manganese	2590	2500	104	90 - 110	P	10/18/2024	17:28	LB133014
	Nickel	2330	2500	93	90 - 110	P	10/18/2024	17:28	LB133014
	Potassium	23500	25000	94	90 - 110	P	10/18/2024	17:28	LB133014
	Selenium	4850	5000	97	90 - 110	P	10/18/2024	17:28	LB133014
	Silver	1200	1250	96	90 - 110	P	10/18/2024	17:28	LB133014
	Sodium	23300	25000	93	90 - 110	P	10/18/2024	17:28	LB133014
	Thallium	5110	5000	102	90 - 110	P	10/18/2024	17:28	LB133014
	Vanadium	2250	2500	90	90 - 110	P	10/18/2024	17:28	LB133014
	Zinc	2370	2500	95	90 - 110	P	10/18/2024	17:28	LB133014