284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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
ICV89	Mercury	3.74	4.0	94	90 - 110	CV	11/18/2024	13:46	LB133490

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	Mercury	4.94	5.0	99	90 - 110	CV	11/18/2024	13:53	LB133490
CCV02	Mercury	4.96	5.0	99	90 - 110	CV	11/18/2024	14:26	LB133490
CCV03	Mercury	5.11	5.0	102	90 - 110	CV	11/18/2024	14:59	LB133490
CCV04	Mercury	5.01	5.0	100	90 - 110	CV	11/18/2024	15:22	LB133490

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	2680	2500	107	90 - 110	P	11/18/2024	12:57	LB133502
	Antimony	1040	1000	104	90 - 110	P	11/18/2024	12:57	LB133502
	Arsenic	1040	1000	104	90 - 110	P	11/18/2024	12:57	LB133502
	Barium	533	520	102	90 - 110	P	11/18/2024	12:57	LB133502
	Beryllium	521	510	102	90 - 110	P	11/18/2024	12:57	LB133502
	Cadmium	523	510	103	90 - 110	P	11/18/2024	12:57	LB133502
	Calcium	10400	10000	104	90 - 110	P	11/18/2024	12:57	LB133502
	Chromium	554	520	107	90 - 110	P	11/18/2024	12:57	LB133502
	Cobalt	530	520	102	90 - 110	P	11/18/2024	12:57	LB133502
	Copper	544	510	107	90 - 110	P	11/18/2024	12:57	LB133502
	Iron	10500	10000	105	90 - 110	P	11/18/2024	12:57	LB133502
	Lead	1030	1000	104	90 - 110	P	11/18/2024	12:57	LB133502
	Magnesium	6150	6000	102	90 - 110	P	11/18/2024	12:57	LB133502
	Manganese	534	520	103	90 - 110	P	11/18/2024	12:57	LB133502
	Nickel	531	530	100	90 - 110	P	11/18/2024	12:57	LB133502
	Potassium	10400	9900	105	90 - 110	P	11/18/2024	12:57	LB133502
	Selenium	1070	1000	107	90 - 110	P	11/18/2024	12:57	LB133502
	Silver	264	250	106	90 - 110	P	11/18/2024	12:57	LB133502
	Sodium	9990	10000	100	90 - 110	P	11/18/2024	12:57	LB133502
	Thallium	1040	1000	104	90 - 110	P	11/18/2024	12:57	LB133502
	Vanadium	522	500	104	90 - 110	P	11/18/2024	12:57	LB133502
	Zinc	1080	1000	108	90 - 110	P	11/18/2024	12:57	LB133502

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	104	100	104	80 - 120	P	11/18/2024	13:11	LB133502
	Antimony	49.6	50.0	99	80 - 120	P	11/18/2024	13:11	LB133502
	Arsenic	18.9	20.0	94	80 - 120	P	11/18/2024	13:11	LB133502
	Barium	101	100	101	80 - 120	P	11/18/2024	13:11	LB133502
	Beryllium	6.06	6.0	101	80 - 120	P	11/18/2024	13:11	LB133502
	Cadmium	6.99	6.0	116	80 - 120	P	11/18/2024	13:11	LB133502
	Calcium	2060	2000	103	80 - 120	P	11/18/2024	13:11	LB133502
	Chromium	10.5	10.0	105	80 - 120	P	11/18/2024	13:11	LB133502
	Cobalt	29.4	30.0	98	80 - 120	P	11/18/2024	13:11	LB133502
	Copper	22.1	20.0	110	80 - 120	P	11/18/2024	13:11	LB133502
	Iron	100	100	100	80 - 120	P	11/18/2024	13:11	LB133502
	Lead	12.1	12.0	101	80 - 120	P	11/18/2024	13:11	LB133502
	Magnesium	2050	2000	102	80 - 120	P	11/18/2024	13:11	LB133502
	Manganese	20.8	20.0	104	80 - 120	P	11/18/2024	13:11	LB133502
	Nickel	39.0	40.0	97	80 - 120	P	11/18/2024	13:11	LB133502
	Potassium	1900	2000	95	80 - 120	P	11/18/2024	13:11	LB133502
	Selenium	20.9	20.0	105	80 - 120	P	11/18/2024	13:11	LB133502
	Silver	10.8	10.0	108	80 - 120	P	11/18/2024	13:11	LB133502
	Sodium	1650	2000	82	80 - 120	P	11/18/2024	13:11	LB133502
	Thallium	39.6	40.0	99	80 - 120	P	11/18/2024	13:11	LB133502
	Vanadium	40.1	40.0	100	80 - 120	P	11/18/2024	13:11	LB133502
	Zinc	43.9	40.0	110	80 - 120	P	11/18/2024	13:11	LB133502

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	11/18/2024	13:52	LB133502
	Antimony	5090	5000	102	90 - 110	P	11/18/2024	13:52	LB133502
	Arsenic	4990	5000	100	90 - 110	P	11/18/2024	13:52	LB133502
	Barium	9590	10000	96	90 - 110	P	11/18/2024	13:52	LB133502
	Beryllium	243	250	97	90 - 110	P	11/18/2024	13:52	LB133502
	Cadmium	2460	2500	98	90 - 110	P	11/18/2024	13:52	LB133502
	Calcium	24300	25000	97	90 - 110	P	11/18/2024	13:52	LB133502
	Chromium	1020	1000	102	90 - 110	P	11/18/2024	13:52	LB133502
	Cobalt	2460	2500	98	90 - 110	P	11/18/2024	13:52	LB133502
	Copper	1270	1250	101	90 - 110	P	11/18/2024	13:52	LB133502
	Iron	4940	5000	99	90 - 110	P	11/18/2024	13:52	LB133502
	Lead	4930	5000	99	90 - 110	P	11/18/2024	13:52	LB133502
	Magnesium	24500	25000	98	90 - 110	P	11/18/2024	13:52	LB133502
	Manganese	2370	2500	95	90 - 110	P	11/18/2024	13:52	LB133502
	Nickel	2460	2500	98	90 - 110	P	11/18/2024	13:52	LB133502
	Potassium	24900	25000	99	90 - 110	P	11/18/2024	13:52	LB133502
	Selenium	5110	5000	102	90 - 110	P	11/18/2024	13:52	LB133502
	Silver	1250	1250	100	90 - 110	P	11/18/2024	13:52	LB133502
	Sodium	24500	25000	98	90 - 110	P	11/18/2024	13:52	LB133502
	Thallium	5140	5000	103	90 - 110	P	11/18/2024	13:52	LB133502
	Vanadium	2470	2500	99	90 - 110	P	11/18/2024	13:52	LB133502
	Zinc	2550	2500	102	90 - 110	P	11/18/2024	13:52	LB133502
CCV02	Aluminum	10200	10000	102	90 - 110	P	11/18/2024	14:31	LB133502
	Antimony	5150	5000	103	90 - 110	P	11/18/2024	14:31	LB133502
	Arsenic	5030	5000	101	90 - 110	P	11/18/2024	14:31	LB133502
	Barium	9540	10000	95	90 - 110	P	11/18/2024	14:31	LB133502
	Beryllium	243	250	97	90 - 110	P	11/18/2024	14:31	LB133502
	Cadmium	2490	2500	100	90 - 110	P	11/18/2024	14:31	LB133502
	Calcium	24500	25000	98	90 - 110	P	11/18/2024	14:31	LB133502
	Chromium	1030	1000	103	90 - 110	P	11/18/2024	14:31	LB133502
	Cobalt	2490	2500	100	90 - 110	P	11/18/2024	14:31	LB133502
	Copper	1280	1250	102	90 - 110	P	11/18/2024	14:31	LB133502
	Iron	4940	5000	99	90 - 110	P	11/18/2024	14:31	LB133502
	Lead	4980	5000	100	90 - 110	P	11/18/2024	14:31	LB133502

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	24700	25000	99	90 - 110	P	11/18/2024	14:31	LB133502
	Manganese	2370	2500	95	90 - 110	P	11/18/2024	14:31	LB133502
	Nickel	2490	2500	100	90 - 110	P	11/18/2024	14:31	LB133502
	Potassium	25400	25000	102	90 - 110	P	11/18/2024	14:31	LB133502
	Selenium	5160	5000	103	90 - 110	P	11/18/2024	14:31	LB133502
	Silver	1260	1250	100	90 - 110	P	11/18/2024	14:31	LB133502
	Sodium	24400	25000	98	90 - 110	P	11/18/2024	14:31	LB133502
	Thallium	5110	5000	102	90 - 110	P	11/18/2024	14:31	LB133502
	Vanadium	2500	2500	100	90 - 110	P	11/18/2024	14:31	LB133502
	Zinc	2550	2500	102	90 - 110	P	11/18/2024	14:31	LB133502
CCV03	Aluminum	10000	10000	100	90 - 110	P	11/18/2024	15:35	LB133502
	Antimony	5130	5000	102	90 - 110	P	11/18/2024	15:35	LB133502
	Arsenic	5000	5000	100	90 - 110	P	11/18/2024	15:35	LB133502
	Barium	9430	10000	94	90 - 110	P	11/18/2024	15:35	LB133502
	Beryllium	239	250	96	90 - 110	P	11/18/2024	15:35	LB133502
	Cadmium	2450	2500	98	90 - 110	P	11/18/2024	15:35	LB133502
	Calcium	23900	25000	96	90 - 110	P	11/18/2024	15:35	LB133502
	Chromium	1020	1000	102	90 - 110	P	11/18/2024	15:35	LB133502
	Cobalt	2450	2500	98	90 - 110	P	11/18/2024	15:35	LB133502
	Copper	1270	1250	101	90 - 110	P	11/18/2024	15:35	LB133502
	Iron	4850	5000	97	90 - 110	P	11/18/2024	15:35	LB133502
	Lead	4910	5000	98	90 - 110	P	11/18/2024	15:35	LB133502
	Magnesium	24100	25000	96	90 - 110	P	11/18/2024	15:35	LB133502
	Manganese	2320	2500	93	90 - 110	P	11/18/2024	15:35	LB133502
	Nickel	2450	2500	98	90 - 110	P	11/18/2024	15:35	LB133502
	Potassium	24900	25000	100	90 - 110	P	11/18/2024	15:35	LB133502
	Selenium	5130	5000	103	90 - 110	P	11/18/2024	15:35	LB133502
	Silver	1240	1250	100	90 - 110	P	11/18/2024	15:35	LB133502
	Sodium	24100	25000	96	90 - 110	P	11/18/2024	15:35	LB133502
	Thallium	5000	5000	100	90 - 110	P	11/18/2024	15:35	LB133502
	Vanadium	2450	2500	98	90 - 110	P	11/18/2024	15:35	LB133502
	Zinc	2550	2500	102	90 - 110	P	11/18/2024	15:35	LB133502
CCV04	Aluminum	10000	10000	100	90 - 110	P	11/18/2024	16:25	LB133502
	Antimony	5140	5000	103	90 - 110	P	11/18/2024	16:25	LB133502

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	5020	5000	100	90 - 110	P	11/18/2024	16:25	LB133502
	Barium	9440	10000	94	90 - 110	P	11/18/2024	16:25	LB133502
	Beryllium	241	250	96	90 - 110	P	11/18/2024	16:25	LB133502
	Cadmium	2460	2500	98	90 - 110	P	11/18/2024	16:25	LB133502
	Calcium	24000	25000	96	90 - 110	P	11/18/2024	16:25	LB133502
	Chromium	1030	1000	103	90 - 110	P	11/18/2024	16:25	LB133502
	Cobalt	2450	2500	98	90 - 110	P	11/18/2024	16:25	LB133502
	Copper	1270	1250	102	90 - 110	P	11/18/2024	16:25	LB133502
	Iron	4880	5000	98	90 - 110	P	11/18/2024	16:25	LB133502
	Lead	4910	5000	98	90 - 110	P	11/18/2024	16:25	LB133502
	Magnesium	24400	25000	97	90 - 110	P	11/18/2024	16:25	LB133502
	Manganese	2310	2500	92	90 - 110	P	11/18/2024	16:25	LB133502
	Nickel	2450	2500	98	90 - 110	P	11/18/2024	16:25	LB133502
	Potassium	24900	25000	100	90 - 110	P	11/18/2024	16:25	LB133502
	Selenium	5210	5000	104	90 - 110	P	11/18/2024	16:25	LB133502
	Silver	1260	1250	101	90 - 110	P	11/18/2024	16:25	LB133502
	Sodium	24000	25000	96	90 - 110	P	11/18/2024	16:25	LB133502
	Thallium	5310	5000	106	90 - 110	P	11/18/2024	16:25	LB133502
	Vanadium	2460	2500	98	90 - 110	P	11/18/2024	16:25	LB133502
	Zinc	2570	2500	103	90 - 110	P	11/18/2024	16:25	LB133502
CCV05	Aluminum	10200	10000	102	90 - 110	P	11/18/2024	17:01	LB133502
	Antimony	5270	5000	105	90 - 110	P	11/18/2024	17:01	LB133502
	Arsenic	5120	5000	102	90 - 110	P	11/18/2024	17:01	LB133502
	Barium	9720	10000	97	90 - 110	P	11/18/2024	17:01	LB133502
	Beryllium	246	250	98	90 - 110	P	11/18/2024	17:01	LB133502
	Cadmium	2500	2500	100	90 - 110	P	11/18/2024	17:01	LB133502
	Calcium	24400	25000	98	90 - 110	P	11/18/2024	17:01	LB133502
	Chromium	1040	1000	104	90 - 110	P	11/18/2024	17:01	LB133502
	Cobalt	2500	2500	100	90 - 110	P	11/18/2024	17:01	LB133502
	Copper	1300	1250	104	90 - 110	P	11/18/2024	17:01	LB133502
	Iron	4970	5000	99	90 - 110	P	11/18/2024	17:01	LB133502
	Lead	5000	5000	100	90 - 110	P	11/18/2024	17:01	LB133502
	Magnesium	24700	25000	99	90 - 110	P	11/18/2024	17:01	LB133502
	Manganese	2370	2500	95	90 - 110	P	11/18/2024	17:01	LB133502

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	2500	2500	100	90 - 110	P	11/18/2024	17:01	LB133502
	Potassium	25600	25000	102	90 - 110	P	11/18/2024	17:01	LB133502
	Selenium	5040	5000	101	90 - 110	P	11/18/2024	17:01	LB133502
	Silver	1280	1250	102	90 - 110	P	11/18/2024	17:01	LB133502
	Sodium	25200	25000	101	90 - 110	P	11/18/2024	17:01	LB133502
	Thallium	5140	5000	103	90 - 110	P	11/18/2024	17:01	LB133502
	Vanadium	2510	2500	100	90 - 110	P	11/18/2024	17:01	LB133502
	Zinc	2550	2500	102	90 - 110	P	11/18/2024	17:01	LB133502
CCV06	Aluminum	10100	10000	101	90 - 110	P	11/18/2024	18:04	LB133502
	Antimony	5200	5000	104	90 - 110	P	11/18/2024	18:04	LB133502
	Arsenic	5080	5000	102	90 - 110	P	11/18/2024	18:04	LB133502
	Barium	9550	10000	96	90 - 110	P	11/18/2024	18:04	LB133502
	Beryllium	245	250	98	90 - 110	P	11/18/2024	18:04	LB133502
	Cadmium	2490	2500	100	90 - 110	P	11/18/2024	18:04	LB133502
	Calcium	24400	25000	97	90 - 110	P	11/18/2024	18:04	LB133502
	Chromium	1040	1000	104	90 - 110	P	11/18/2024	18:04	LB133502
	Cobalt	2490	2500	100	90 - 110	P	11/18/2024	18:04	LB133502
	Copper	1280	1250	102	90 - 110	P	11/18/2024	18:04	LB133502
	Iron	4960	5000	99	90 - 110	P	11/18/2024	18:04	LB133502
	Lead	4980	5000	100	90 - 110	P	11/18/2024	18:04	LB133502
	Magnesium	24600	25000	98	90 - 110	P	11/18/2024	18:04	LB133502
	Manganese	2360	2500	94	90 - 110	P	11/18/2024	18:04	LB133502
	Nickel	2490	2500	99	90 - 110	P	11/18/2024	18:04	LB133502
	Potassium	25300	25000	101	90 - 110	P	11/18/2024	18:04	LB133502
	Selenium	4980	5000	100	90 - 110	P	11/18/2024	18:04	LB133502
	Silver	1270	1250	102	90 - 110	P	11/18/2024	18:04	LB133502
	Sodium	24700	25000	99	90 - 110	P	11/18/2024	18:04	LB133502
	Thallium	5170	5000	104	90 - 110	P	11/18/2024	18:04	LB133502
	Vanadium	2490	2500	100	90 - 110	P	11/18/2024	18:04	LB133502
	Zinc	2570	2500	103	90 - 110	P	11/18/2024	18:04	LB133502
CCV07	Aluminum	10500	10000	105	90 - 110	P	11/18/2024	18:54	LB133502
	Antimony	5440	5000	109	90 - 110	P	11/18/2024	18:54	LB133502
	Arsenic	5290	5000	106	90 - 110	P	11/18/2024	18:54	LB133502
	Barium	9680	10000	97	90 - 110	P	11/18/2024	18:54	LB133502

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	251	250	100	90 - 110	P	11/18/2024	18:54	LB133502
	Cadmium	2570	2500	103	90 - 110	P	11/18/2024	18:54	LB133502
	Calcium	25000	25000	100	90 - 110	P	11/18/2024	18:54	LB133502
	Chromium	1070	1000	107	90 - 110	P	11/18/2024	18:54	LB133502
	Cobalt	2570	2500	103	90 - 110	P	11/18/2024	18:54	LB133502
	Copper	1330	1250	106	90 - 110	P	11/18/2024	18:54	LB133502
	Iron	5050	5000	101	90 - 110	P	11/18/2024	18:54	LB133502
	Lead	5140	5000	103	90 - 110	P	11/18/2024	18:54	LB133502
	Magnesium	25300	25000	101	90 - 110	P	11/18/2024	18:54	LB133502
	Manganese	2410	2500	96	90 - 110	P	11/18/2024	18:54	LB133502
	Nickel	2560	2500	103	90 - 110	P	11/18/2024	18:54	LB133502
	Potassium	25800	25000	103	90 - 110	P	11/18/2024	18:54	LB133502
	Selenium	5260	5000	105	90 - 110	P	11/18/2024	18:54	LB133502
	Silver	1300	1250	104	90 - 110	P	11/18/2024	18:54	LB133502
	Sodium	24400	25000	97	90 - 110	P	11/18/2024	18:54	LB133502
	Thallium	5370	5000	108	90 - 110	P	11/18/2024	18:54	LB133502
	Vanadium	2570	2500	103	90 - 110	P	11/18/2024	18:54	LB133502
	Zinc	2650	2500	106	90 - 110	P	11/18/2024	18:54	LB133502

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	2680	2500	107	90 - 110	P	11/20/2024	12:50	LB133540
	Antimony	1020	1000	102	90 - 110	P	11/20/2024	12:50	LB133540
	Arsenic	1040	1000	104	90 - 110	P	11/20/2024	12:50	LB133540
	Barium	535	520	103	90 - 110	P	11/20/2024	12:50	LB133540
	Beryllium	528	510	104	90 - 110	P	11/20/2024	12:50	LB133540
	Cadmium	529	510	104	90 - 110	P	11/20/2024	12:50	LB133540
	Calcium	10500	10000	105	90 - 110	P	11/20/2024	12:50	LB133540
	Chromium	548	520	106	90 - 110	P	11/20/2024	12:50	LB133540
	Cobalt	532	520	102	90 - 110	P	11/20/2024	12:50	LB133540
	Copper	546	510	107	90 - 110	P	11/20/2024	12:50	LB133540
	Iron	10400	10000	104	90 - 110	P	11/20/2024	12:50	LB133540
	Lead	1050	1000	105	90 - 110	P	11/20/2024	12:50	LB133540
	Magnesium	6200	6000	103	90 - 110	P	11/20/2024	12:50	LB133540
	Manganese	540	520	104	90 - 110	P	11/20/2024	12:50	LB133540
	Nickel	535	530	101	90 - 110	P	11/20/2024	12:50	LB133540
	Potassium	10300	9900	104	90 - 110	P	11/20/2024	12:50	LB133540
	Selenium	1070	1000	107	90 - 110	P	11/20/2024	12:50	LB133540
	Silver	267	250	107	90 - 110	P	11/20/2024	12:50	LB133540
	Sodium	9880	10000	99	90 - 110	P	11/20/2024	12:50	LB133540
	Thallium	1090	1000	109	90 - 110	P	11/20/2024	12:50	LB133540
	Vanadium	523	500	105	90 - 110	P	11/20/2024	12:50	LB133540
	Zinc	1090	1000	109	90 - 110	P	11/20/2024	12:50	LB133540

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	101	100	101	80 - 120	P	11/20/2024	12:59	LB133540
	Antimony	48.0	50.0	96	80 - 120	P	11/20/2024	12:59	LB133540
	Arsenic	17.6	20.0	88	80 - 120	P	11/20/2024	12:59	LB133540
	Barium	95.0	100	95	80 - 120	P	11/20/2024	12:59	LB133540
	Beryllium	5.41	6.0	90	80 - 120	P	11/20/2024	12:59	LB133540
	Cadmium	6.86	6.0	114	80 - 120	P	11/20/2024	12:59	LB133540
	Calcium	1940	2000	97	80 - 120	P	11/20/2024	12:59	LB133540
	Chromium	10.0	10.0	100	80 - 120	P	11/20/2024	12:59	LB133540
	Cobalt	28.3	30.0	94	80 - 120	P	11/20/2024	12:59	LB133540
	Copper	21.0	20.0	105	80 - 120	P	11/20/2024	12:59	LB133540
	Iron	91.6	100	92	80 - 120	P	11/20/2024	12:59	LB133540
	Lead	11.5	12.0	96	80 - 120	P	11/20/2024	12:59	LB133540
	Magnesium	1910	2000	96	80 - 120	P	11/20/2024	12:59	LB133540
	Manganese	19.3	20.0	96	80 - 120	P	11/20/2024	12:59	LB133540
	Nickel	37.3	40.0	93	80 - 120	P	11/20/2024	12:59	LB133540
	Potassium	1790	2000	90	80 - 120	P	11/20/2024	12:59	LB133540
	Selenium	16.0	20.0	80	80 - 120	P	11/20/2024	12:59	LB133540
	Silver	10.1	10.0	101	80 - 120	P	11/20/2024	12:59	LB133540
	Sodium	1620	2000	81	80 - 120	P	11/20/2024	12:59	LB133540
	Thallium	36.9	40.0	92	80 - 120	P	11/20/2024	12:59	LB133540
	Vanadium	38.5	40.0	96	80 - 120	P	11/20/2024	12:59	LB133540
	Zinc	41.3	40.0	103	80 - 120	P	11/20/2024	12:59	LB133540

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	10000	10000	100	90 - 110	P	11/20/2024	13:35	LB133540
	Antimony	5020	5000	100	90 - 110	P	11/20/2024	13:35	LB133540
	Arsenic	4940	5000	99	90 - 110	P	11/20/2024	13:35	LB133540
	Barium	9530	10000	95	90 - 110	P	11/20/2024	13:35	LB133540
	Beryllium	241	250	96	90 - 110	P	11/20/2024	13:35	LB133540
	Cadmium	2440	2500	98	90 - 110	P	11/20/2024	13:35	LB133540
	Calcium	24200	25000	97	90 - 110	P	11/20/2024	13:35	LB133540
	Chromium	1020	1000	102	90 - 110	P	11/20/2024	13:35	LB133540
	Cobalt	2460	2500	98	90 - 110	P	11/20/2024	13:35	LB133540
	Copper	1270	1250	101	90 - 110	P	11/20/2024	13:35	LB133540
	Iron	4930	5000	99	90 - 110	P	11/20/2024	13:35	LB133540
	Lead	4920	5000	98	90 - 110	P	11/20/2024	13:35	LB133540
	Magnesium	24300	25000	97	90 - 110	P	11/20/2024	13:35	LB133540
	Manganese	2360	2500	94	90 - 110	P	11/20/2024	13:35	LB133540
	Nickel	2460	2500	99	90 - 110	P	11/20/2024	13:35	LB133540
	Potassium	25400	25000	102	90 - 110	P	11/20/2024	13:35	LB133540
	Selenium	5030	5000	101	90 - 110	P	11/20/2024	13:35	LB133540
	Silver	1250	1250	100	90 - 110	P	11/20/2024	13:35	LB133540
	Sodium	24700	25000	99	90 - 110	P	11/20/2024	13:35	LB133540
	Thallium	4950	5000	99	90 - 110	P	11/20/2024	13:35	LB133540
	Vanadium	2460	2500	98	90 - 110	P	11/20/2024	13:35	LB133540
	Zinc	2570	2500	103	90 - 110	P	11/20/2024	13:35	LB133540
CCV02	Aluminum	9020	10000	90	90 - 110	P	11/20/2024	14:50	LB133540
	Antimony	5460	5000	109	90 - 110	P	11/20/2024	14:50	LB133540
	Arsenic	5460	5000	109	90 - 110	P	11/20/2024	14:50	LB133540
	Barium	9550	10000	96	90 - 110	P	11/20/2024	14:50	LB133540
	Beryllium	260	250	104	90 - 110	P	11/20/2024	14:50	LB133540
	Cadmium	2610	2500	104	90 - 110	P	11/20/2024	14:50	LB133540
	Calcium	27000	25000	108	90 - 110	P	11/20/2024	14:50	LB133540
	Chromium	905	1000	90	90 - 110	P	11/20/2024	14:50	LB133540
	Cobalt	2540	2500	102	90 - 110	P	11/20/2024	14:50	LB133540
	Copper	1300	1250	104	90 - 110	P	11/20/2024	14:50	LB133540
	Iron	5120	5000	102	90 - 110	P	11/20/2024	14:50	LB133540
	Lead	5120	5000	102	90 - 110	P	11/20/2024	14:50	LB133540

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** P4868

Contract: TETR06 **Lab Code:** CHEM **Case No.:** P4868 **SAS No.:** P4868

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	11/20/2024	14:50	LB133540
	Manganese	2700	2500	108	90 - 110	P	11/20/2024	14:50	LB133540
	Nickel	2460	2500	98	90 - 110	P	11/20/2024	14:50	LB133540
	Potassium	27300	25000	109	90 - 110	P	11/20/2024	14:50	LB133540
	Selenium	4620	5000	92	90 - 110	P	11/20/2024	14:50	LB133540
	Silver	1290	1250	103	90 - 110	P	11/20/2024	14:50	LB133540
	Sodium	26700	25000	107	90 - 110	P	11/20/2024	14:50	LB133540
	Thallium	4920	5000	98	90 - 110	P	11/20/2024	14:50	LB133540
	Vanadium	2560	2500	102	90 - 110	P	11/20/2024	14:50	LB133540
	Zinc	2280	2500	91	90 - 110	P	11/20/2024	14:50	LB133540
CCV03	Aluminum	9540	10000	95	90 - 110	P	11/20/2024	16:48	LB133540
	Antimony	4680	5000	94	90 - 110	P	11/20/2024	16:48	LB133540
	Arsenic	4610	5000	92	90 - 110	P	11/20/2024	16:48	LB133540
	Barium	9040	10000	90	90 - 110	P	11/20/2024	16:48	LB133540
	Beryllium	237	250	95	90 - 110	P	11/20/2024	16:48	LB133540
	Cadmium	2300	2500	92	90 - 110	P	11/20/2024	16:48	LB133540
	Calcium	23200	25000	93	90 - 110	P	11/20/2024	16:48	LB133540
	Chromium	971	1000	97	90 - 110	P	11/20/2024	16:48	LB133540
	Cobalt	2300	2500	92	90 - 110	P	11/20/2024	16:48	LB133540
	Copper	1180	1250	94	90 - 110	P	11/20/2024	16:48	LB133540
	Iron	4610	5000	92	90 - 110	P	11/20/2024	16:48	LB133540
	Lead	4640	5000	93	90 - 110	P	11/20/2024	16:48	LB133540
	Magnesium	23400	25000	94	90 - 110	P	11/20/2024	16:48	LB133540
	Manganese	2250	2500	90	90 - 110	P	11/20/2024	16:48	LB133540
	Nickel	2300	2500	92	90 - 110	P	11/20/2024	16:48	LB133540
	Potassium	23700	25000	95	90 - 110	P	11/20/2024	16:48	LB133540
	Selenium	4720	5000	94	90 - 110	P	11/20/2024	16:48	LB133540
	Silver	1200	1250	96	90 - 110	P	11/20/2024	16:48	LB133540
	Sodium	22800	25000	91	90 - 110	P	11/20/2024	16:48	LB133540
	Thallium	4610	5000	92	90 - 110	P	11/20/2024	16:48	LB133540
	Vanadium	2350	2500	94	90 - 110	P	11/20/2024	16:48	LB133540
	Zinc	2430	2500	97	90 - 110	P	11/20/2024	16:48	LB133540