

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860
Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860
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
ICV98	Mercury	3.65	4.0	91	90 - 110	CV	11/22/2024	13:57	LB133581

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860
Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860
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
CCV37	Mercury	4.87	5.0	97	90 - 110	CV	11/22/2024	14:02	LB133581
CCV38	Mercury	4.74	5.0	95	90 - 110	CV	11/22/2024	14:30	LB133581
CCV39	Mercury	4.73	5.0	94	90 - 110	CV	11/22/2024	14:57	LB133581
CCV40	Mercury	4.97	5.0	99	90 - 110	CV	11/22/2024	15:24	LB133581
CCV41	Mercury	4.85	5.0	97	90 - 110	CV	11/22/2024	15:47	LB133581

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860
Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860
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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860
Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860
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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860

Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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	2650	2500	106	90 - 110	P	11/19/2024	11:25	LB133524
	Antimony	1010	1000	101	90 - 110	P	11/19/2024	11:25	LB133524
	Arsenic	1020	1000	102	90 - 110	P	11/19/2024	11:25	LB133524
	Barium	542	520	104	90 - 110	P	11/19/2024	11:25	LB133524
	Beryllium	536	510	105	90 - 110	P	11/19/2024	11:25	LB133524
	Cadmium	526	510	103	90 - 110	P	11/19/2024	11:25	LB133524
	Calcium	10700	10000	107	90 - 110	P	11/19/2024	11:25	LB133524
	Chromium	551	520	106	90 - 110	P	11/19/2024	11:25	LB133524
	Cobalt	531	520	102	90 - 110	P	11/19/2024	11:25	LB133524
	Copper	538	510	105	90 - 110	P	11/19/2024	11:25	LB133524
	Iron	10400	10000	104	90 - 110	P	11/19/2024	11:25	LB133524
	Lead	1040	1000	104	90 - 110	P	11/19/2024	11:25	LB133524
	Magnesium	6280	6000	105	90 - 110	P	11/19/2024	11:25	LB133524
	Manganese	550	520	106	90 - 110	P	11/19/2024	11:25	LB133524
	Nickel	532	530	100	90 - 110	P	11/19/2024	11:25	LB133524
	Potassium	10000	9900	101	90 - 110	P	11/19/2024	11:25	LB133524
	Selenium	1040	1000	104	90 - 110	P	11/19/2024	11:25	LB133524
	Silver	261	250	105	90 - 110	P	11/19/2024	11:25	LB133524
	Sodium	9760	10000	98	90 - 110	P	11/19/2024	11:25	LB133524
	Thallium	1090	1000	109	90 - 110	P	11/19/2024	11:25	LB133524
	Vanadium	524	500	105	90 - 110	P	11/19/2024	11:25	LB133524
	Zinc	1060	1000	106	90 - 110	P	11/19/2024	11:25	LB133524

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860
Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860
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	11/19/2024	11:34	LB133524
	Antimony	51.1	50.0	102	80 - 120	P	11/19/2024	11:34	LB133524
	Arsenic	20.5	20.0	102	80 - 120	P	11/19/2024	11:34	LB133524
	Barium	104	100	104	80 - 120	P	11/19/2024	11:34	LB133524
	Beryllium	5.85	6.0	98	80 - 120	P	11/19/2024	11:34	LB133524
	Cadmium	5.89	6.0	98	80 - 120	P	11/19/2024	11:34	LB133524
	Calcium	2090	2000	105	80 - 120	P	11/19/2024	11:34	LB133524
	Chromium	10.7	10.0	107	80 - 120	P	11/19/2024	11:34	LB133524
	Cobalt	29.9	30.0	100	80 - 120	P	11/19/2024	11:34	LB133524
	Copper	22.3	20.0	112	80 - 120	P	11/19/2024	11:34	LB133524
	Iron	100	100	100	80 - 120	P	11/19/2024	11:34	LB133524
	Lead	12.4	12.0	103	80 - 120	P	11/19/2024	11:34	LB133524
	Magnesium	2040	2000	102	80 - 120	P	11/19/2024	11:34	LB133524
	Manganese	21.4	20.0	107	80 - 120	P	11/19/2024	11:34	LB133524
	Nickel	39.7	40.0	99	80 - 120	P	11/19/2024	11:34	LB133524
	Potassium	1920	2000	96	80 - 120	P	11/19/2024	11:34	LB133524
	Selenium	20.6	20.0	103	80 - 120	P	11/19/2024	11:34	LB133524
	Silver	10.1	10.0	101	80 - 120	P	11/19/2024	11:34	LB133524
	Sodium	1820	2000	91	80 - 120	P	11/19/2024	11:34	LB133524
	Thallium	39.2	40.0	98	80 - 120	P	11/19/2024	11:34	LB133524
	Vanadium	40.3	40.0	101	80 - 120	P	11/19/2024	11:34	LB133524
	Zinc	45.8	40.0	114	80 - 120	P	11/19/2024	11:34	LB133524

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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	9940	10000	99	90 - 110	P	11/19/2024	12:43	LB133524
	Antimony	4980	5000	100	90 - 110	P	11/19/2024	12:43	LB133524
	Arsenic	4970	5000	99	90 - 110	P	11/19/2024	12:43	LB133524
	Barium	10000	10000	100	90 - 110	P	11/19/2024	12:43	LB133524
	Beryllium	249	250	100	90 - 110	P	11/19/2024	12:43	LB133524
	Cadmium	2490	2500	100	90 - 110	P	11/19/2024	12:43	LB133524
	Calcium	24800	25000	99	90 - 110	P	11/19/2024	12:43	LB133524
	Chromium	996	1000	100	90 - 110	P	11/19/2024	12:43	LB133524
	Cobalt	2490	2500	100	90 - 110	P	11/19/2024	12:43	LB133524
	Copper	1260	1250	101	90 - 110	P	11/19/2024	12:43	LB133524
	Iron	4880	5000	98	90 - 110	P	11/19/2024	12:43	LB133524
	Lead	4990	5000	100	90 - 110	P	11/19/2024	12:43	LB133524
	Magnesium	24800	25000	99	90 - 110	P	11/19/2024	12:43	LB133524
	Manganese	2490	2500	100	90 - 110	P	11/19/2024	12:43	LB133524
	Nickel	2500	2500	100	90 - 110	P	11/19/2024	12:43	LB133524
	Potassium	24200	25000	97	90 - 110	P	11/19/2024	12:43	LB133524
	Selenium	4950	5000	99	90 - 110	P	11/19/2024	12:43	LB133524
	Silver	1230	1250	98	90 - 110	P	11/19/2024	12:43	LB133524
	Sodium	24200	25000	97	90 - 110	P	11/19/2024	12:43	LB133524
	Thallium	5030	5000	101	90 - 110	P	11/19/2024	12:43	LB133524
	Vanadium	2500	2500	100	90 - 110	P	11/19/2024	12:43	LB133524
	Zinc	2490	2500	100	90 - 110	P	11/19/2024	12:43	LB133524
CCV02	Aluminum	10600	10000	106	90 - 110	P	11/19/2024	13:34	LB133524
	Antimony	5360	5000	107	90 - 110	P	11/19/2024	13:34	LB133524
	Arsenic	5320	5000	106	90 - 110	P	11/19/2024	13:34	LB133524
	Barium	10300	10000	103	90 - 110	P	11/19/2024	13:34	LB133524
	Beryllium	262	250	105	90 - 110	P	11/19/2024	13:34	LB133524
	Cadmium	2610	2500	104	90 - 110	P	11/19/2024	13:34	LB133524
	Calcium	26100	25000	104	90 - 110	P	11/19/2024	13:34	LB133524
	Chromium	1070	1000	107	90 - 110	P	11/19/2024	13:34	LB133524
	Cobalt	2620	2500	105	90 - 110	P	11/19/2024	13:34	LB133524
	Copper	1350	1250	108	90 - 110	P	11/19/2024	13:34	LB133524
	Iron	5270	5000	105	90 - 110	P	11/19/2024	13:34	LB133524
	Lead	5240	5000	105	90 - 110	P	11/19/2024	13:34	LB133524

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860
Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860
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	26200	25000	105	90 - 110	P	11/19/2024	13:34	LB133524
	Manganese	2580	2500	103	90 - 110	P	11/19/2024	13:34	LB133524
	Nickel	2620	2500	105	90 - 110	P	11/19/2024	13:34	LB133524
	Potassium	26300	25000	105	90 - 110	P	11/19/2024	13:34	LB133524
	Selenium	5340	5000	107	90 - 110	P	11/19/2024	13:34	LB133524
	Silver	1320	1250	106	90 - 110	P	11/19/2024	13:34	LB133524
	Sodium	25900	25000	103	90 - 110	P	11/19/2024	13:34	LB133524
	Thallium	5230	5000	104	90 - 110	P	11/19/2024	13:34	LB133524
	Vanadium	2640	2500	105	90 - 110	P	11/19/2024	13:34	LB133524
	Zinc	2680	2500	107	90 - 110	P	11/19/2024	13:34	LB133524
CCV03	Aluminum	10400	10000	104	90 - 110	P	11/19/2024	14:24	LB133524
	Antimony	5130	5000	103	90 - 110	P	11/19/2024	14:24	LB133524
	Arsenic	5110	5000	102	90 - 110	P	11/19/2024	14:24	LB133524
	Barium	10300	10000	102	90 - 110	P	11/19/2024	14:24	LB133524
	Beryllium	266	250	106	90 - 110	P	11/19/2024	14:24	LB133524
	Cadmium	2590	2500	104	90 - 110	P	11/19/2024	14:24	LB133524
	Calcium	26000	25000	104	90 - 110	P	11/19/2024	14:24	LB133524
	Chromium	1040	1000	104	90 - 110	P	11/19/2024	14:24	LB133524
	Cobalt	2600	2500	104	90 - 110	P	11/19/2024	14:24	LB133524
	Copper	1300	1250	104	90 - 110	P	11/19/2024	14:24	LB133524
	Iron	4990	5000	100	90 - 110	P	11/19/2024	14:24	LB133524
	Lead	5200	5000	104	90 - 110	P	11/19/2024	14:24	LB133524
	Magnesium	26000	25000	104	90 - 110	P	11/19/2024	14:24	LB133524
	Manganese	2590	2500	104	90 - 110	P	11/19/2024	14:24	LB133524
	Nickel	2600	2500	104	90 - 110	P	11/19/2024	14:24	LB133524
	Potassium	24600	25000	98	90 - 110	P	11/19/2024	14:24	LB133524
	Selenium	5080	5000	102	90 - 110	P	11/19/2024	14:24	LB133524
	Silver	1280	1250	102	90 - 110	P	11/19/2024	14:24	LB133524
	Sodium	24500	25000	98	90 - 110	P	11/19/2024	14:24	LB133524
	Thallium	5160	5000	103	90 - 110	P	11/19/2024	14:24	LB133524
	Vanadium	2600	2500	104	90 - 110	P	11/19/2024	14:24	LB133524
	Zinc	2590	2500	104	90 - 110	P	11/19/2024	14:24	LB133524
CCV04	Aluminum	10400	10000	104	90 - 110	P	11/19/2024	15:31	LB133524
	Antimony	5290	5000	106	90 - 110	P	11/19/2024	15:31	LB133524

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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	5260	5000	105	90 - 110	P	11/19/2024	15:31	LB133524
	Barium	10500	10000	105	90 - 110	P	11/19/2024	15:31	LB133524
	Beryllium	261	250	104	90 - 110	P	11/19/2024	15:31	LB133524
	Cadmium	2610	2500	104	90 - 110	P	11/19/2024	15:31	LB133524
	Calcium	25800	25000	103	90 - 110	P	11/19/2024	15:31	LB133524
	Chromium	1050	1000	105	90 - 110	P	11/19/2024	15:31	LB133524
	Cobalt	2610	2500	105	90 - 110	P	11/19/2024	15:31	LB133524
	Copper	1330	1250	106	90 - 110	P	11/19/2024	15:31	LB133524
	Iron	5080	5000	102	90 - 110	P	11/19/2024	15:31	LB133524
	Lead	5230	5000	105	90 - 110	P	11/19/2024	15:31	LB133524
	Magnesium	25800	25000	103	90 - 110	P	11/19/2024	15:31	LB133524
	Manganese	2570	2500	103	90 - 110	P	11/19/2024	15:31	LB133524
	Nickel	2620	2500	105	90 - 110	P	11/19/2024	15:31	LB133524
	Potassium	25500	25000	102	90 - 110	P	11/19/2024	15:31	LB133524
	Selenium	5280	5000	106	90 - 110	P	11/19/2024	15:31	LB133524
	Silver	1290	1250	103	90 - 110	P	11/19/2024	15:31	LB133524
	Sodium	25600	25000	102	90 - 110	P	11/19/2024	15:31	LB133524
	Thallium	5410	5000	108	90 - 110	P	11/19/2024	15:31	LB133524
	Vanadium	2610	2500	104	90 - 110	P	11/19/2024	15:31	LB133524
	Zinc	2620	2500	105	90 - 110	P	11/19/2024	15:31	LB133524
CCV05	Aluminum	10400	10000	104	90 - 110	P	11/19/2024	16:18	LB133524
	Antimony	5220	5000	104	90 - 110	P	11/19/2024	16:18	LB133524
	Arsenic	5210	5000	104	90 - 110	P	11/19/2024	16:18	LB133524
	Barium	10300	10000	103	90 - 110	P	11/19/2024	16:18	LB133524
	Beryllium	257	250	103	90 - 110	P	11/19/2024	16:18	LB133524
	Cadmium	2580	2500	103	90 - 110	P	11/19/2024	16:18	LB133524
	Calcium	25600	25000	102	90 - 110	P	11/19/2024	16:18	LB133524
	Chromium	1050	1000	105	90 - 110	P	11/19/2024	16:18	LB133524
	Cobalt	2580	2500	103	90 - 110	P	11/19/2024	16:18	LB133524
	Copper	1310	1250	105	90 - 110	P	11/19/2024	16:18	LB133524
	Iron	5140	5000	103	90 - 110	P	11/19/2024	16:18	LB133524
	Lead	5170	5000	104	90 - 110	P	11/19/2024	16:18	LB133524
	Magnesium	25600	25000	102	90 - 110	P	11/19/2024	16:18	LB133524
	Manganese	2540	2500	102	90 - 110	P	11/19/2024	16:18	LB133524

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech **SDG No.:** P4860

Contract: CORN02 **Lab Code:** CHEM **Case No.:** P4860 **SAS No.:** P4860

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	2590	2500	104	90 - 110	P	11/19/2024	16:18	LB133524
	Potassium	25700	25000	103	90 - 110	P	11/19/2024	16:18	LB133524
	Selenium	5240	5000	105	90 - 110	P	11/19/2024	16:18	LB133524
	Silver	1290	1250	103	90 - 110	P	11/19/2024	16:18	LB133524
	Sodium	25300	25000	101	90 - 110	P	11/19/2024	16:18	LB133524
	Thallium	5210	5000	104	90 - 110	P	11/19/2024	16:18	LB133524
	Vanadium	2590	2500	104	90 - 110	P	11/19/2024	16:18	LB133524
	Zinc	2640	2500	106	90 - 110	P	11/19/2024	16:18	LB133524
CCV06	Aluminum	10500	10000	105	90 - 110	P	11/19/2024	17:19	LB133524
	Antimony	5280	5000	106	90 - 110	P	11/19/2024	17:19	LB133524
	Arsenic	5270	5000	105	90 - 110	P	11/19/2024	17:19	LB133524
	Barium	10400	10000	104	90 - 110	P	11/19/2024	17:19	LB133524
	Beryllium	261	250	104	90 - 110	P	11/19/2024	17:19	LB133524
	Cadmium	2610	2500	104	90 - 110	P	11/19/2024	17:19	LB133524
	Calcium	25800	25000	103	90 - 110	P	11/19/2024	17:19	LB133524
	Chromium	1060	1000	106	90 - 110	P	11/19/2024	17:19	LB133524
	Cobalt	2600	2500	104	90 - 110	P	11/19/2024	17:19	LB133524
	Copper	1330	1250	106	90 - 110	P	11/19/2024	17:19	LB133524
	Iron	5190	5000	104	90 - 110	P	11/19/2024	17:19	LB133524
	Lead	5240	5000	105	90 - 110	P	11/19/2024	17:19	LB133524
	Magnesium	25800	25000	103	90 - 110	P	11/19/2024	17:19	LB133524
	Manganese	2540	2500	102	90 - 110	P	11/19/2024	17:19	LB133524
	Nickel	2610	2500	104	90 - 110	P	11/19/2024	17:19	LB133524
	Potassium	25900	25000	104	90 - 110	P	11/19/2024	17:19	LB133524
	Selenium	5310	5000	106	90 - 110	P	11/19/2024	17:19	LB133524
	Silver	1310	1250	105	90 - 110	P	11/19/2024	17:19	LB133524
	Sodium	25900	25000	103	90 - 110	P	11/19/2024	17:19	LB133524
	Thallium	5300	5000	106	90 - 110	P	11/19/2024	17:19	LB133524
	Vanadium	2600	2500	104	90 - 110	P	11/19/2024	17:19	LB133524
	Zinc	2680	2500	107	90 - 110	P	11/19/2024	17:19	LB133524
CCV07	Aluminum	10300	10000	102	90 - 110	P	11/19/2024	18:01	LB133524
	Antimony	5080	5000	102	90 - 110	P	11/19/2024	18:01	LB133524
	Arsenic	5070	5000	101	90 - 110	P	11/19/2024	18:01	LB133524
	Barium	10600	10000	106	90 - 110	P	11/19/2024	18:01	LB133524

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech SDG No.: P4860
Contract: CORN02 Lab Code: CHEM Case No.: P4860 SAS No.: P4860
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	256	250	102	90 - 110	P	11/19/2024	18:01	LB133524
	Cadmium	2490	2500	99	90 - 110	P	11/19/2024	18:01	LB133524
	Calcium	25100	25000	100	90 - 110	P	11/19/2024	18:01	LB133524
	Chromium	1020	1000	102	90 - 110	P	11/19/2024	18:01	LB133524
	Cobalt	2490	2500	100	90 - 110	P	11/19/2024	18:01	LB133524
	Copper	1290	1250	104	90 - 110	P	11/19/2024	18:01	LB133524
	Iron	4990	5000	100	90 - 110	P	11/19/2024	18:01	LB133524
	Lead	5020	5000	100	90 - 110	P	11/19/2024	18:01	LB133524
	Magnesium	25100	25000	100	90 - 110	P	11/19/2024	18:01	LB133524
	Manganese	2600	2500	104	90 - 110	P	11/19/2024	18:01	LB133524
	Nickel	2500	2500	100	90 - 110	P	11/19/2024	18:01	LB133524
	Potassium	25200	25000	101	90 - 110	P	11/19/2024	18:01	LB133524
	Selenium	5100	5000	102	90 - 110	P	11/19/2024	18:01	LB133524
	Silver	1270	1250	101	90 - 110	P	11/19/2024	18:01	LB133524
	Sodium	25600	25000	102	90 - 110	P	11/19/2024	18:01	LB133524
	Thallium	4940	5000	99	90 - 110	P	11/19/2024	18:01	LB133524
	Vanadium	2540	2500	102	90 - 110	P	11/19/2024	18:01	LB133524
	Zinc	2480	2500	99	90 - 110	P	11/19/2024	18:01	LB133524