

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3341

Contract: POWE02

Lab Code: ACE

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
ICV71	Mercury	3.89	4.0	97	90 - 110	CV	10/15/2025	09:02	LB137528

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Lab Code: ACE

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Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV29	Mercury	5.17	5.0	103	90 - 110	CV	10/15/2025	09:10	LB137528
CCV30	Mercury	5.10	5.0	102	90 - 110	CV	10/15/2025	09:42	LB137528
CCV31	Mercury	5.10	5.0	102	90 - 110	CV	10/15/2025	10:18	LB137528
CCV32	Mercury	5.20	5.0	104	90 - 110	CV	10/15/2025	10:30	LB137528

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Client: Kleinfelder

SDG No.: Q3341

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Lab Code: ACE

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	7810	8000	98	90 - 110	P	10/15/2025	14:07	LB137561
	Antimony	4050	4000	101	90 - 110	P	10/15/2025	14:07	LB137561
	Arsenic	3950	4000	99	90 - 110	P	10/15/2025	14:07	LB137561
	Barium	7910	8000	99	90 - 110	P	10/15/2025	14:07	LB137561
	Beryllium	202	200	101	90 - 110	P	10/15/2025	14:07	LB137561
	Boron	3900	4000	97	90 - 110	P	10/15/2025	14:07	LB137561
	Cadmium	1930	2000	96	90 - 110	P	10/15/2025	14:07	LB137561
	Chromium	795	800	99	90 - 110	P	10/15/2025	14:07	LB137561
	Cobalt	1940	2000	97	90 - 110	P	10/15/2025	14:07	LB137561
	Copper	992	1000	99	90 - 110	P	10/15/2025	14:07	LB137561
	Iron	3930	4000	98	90 - 110	P	10/15/2025	14:07	LB137561
	Lead	3800	4000	95	90 - 110	P	10/15/2025	14:07	LB137561
	Manganese	1980	2000	99	90 - 110	P	10/15/2025	14:07	LB137561
	Molybdenum	3870	4000	97	90 - 110	P	10/15/2025	14:07	LB137561
	Nickel	1950	2000	97	90 - 110	P	10/15/2025	14:07	LB137561
	Selenium	4020	4000	101	90 - 110	P	10/15/2025	14:07	LB137561
	Silver	953	1000	95	90 - 110	P	10/15/2025	14:07	LB137561
	Thallium	4160	4000	104	90 - 110	P	10/15/2025	14:07	LB137561
	Vanadium	1960	2000	98	90 - 110	P	10/15/2025	14:07	LB137561
	Zinc	1970	2000	98	90 - 110	P	10/15/2025	14:07	LB137561

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	99.5	100	100	80 - 120	P	10/15/2025	14:19	LB137561
	Antimony	50.9	50.0	102	80 - 120	P	10/15/2025	14:19	LB137561
	Arsenic	21.8	20.0	109	80 - 120	P	10/15/2025	14:19	LB137561
	Barium	92.9	100	93	80 - 120	P	10/15/2025	14:19	LB137561
	Beryllium	6.22	6.0	104	80 - 120	P	10/15/2025	14:19	LB137561
	Boron	92.6	100	93	80 - 120	P	10/15/2025	14:19	LB137561
	Cadmium	5.77	6.0	96	80 - 120	P	10/15/2025	14:19	LB137561
	Chromium	10.4	10.0	104	80 - 120	P	10/15/2025	14:19	LB137561
	Cobalt	29.3	30.0	98	80 - 120	P	10/15/2025	14:19	LB137561
	Copper	22.1	20.0	110	80 - 120	P	10/15/2025	14:19	LB137561
	Iron	100	100	100	80 - 120	P	10/15/2025	14:19	LB137561
	Lead	12.2	12.0	102	80 - 120	P	10/15/2025	14:19	LB137561
	Manganese	19.4	20.0	97	80 - 120	P	10/15/2025	14:19	LB137561
	Molybdenum	203	200	101	80 - 120	P	10/15/2025	14:19	LB137561
	Nickel	39.7	40.0	99	80 - 120	P	10/15/2025	14:19	LB137561
	Selenium	19.1	20.0	95	80 - 120	P	10/15/2025	14:19	LB137561
	Silver	10.7	10.0	107	80 - 120	P	10/15/2025	14:19	LB137561
	Thallium	43.9	40.0	110	80 - 120	P	10/15/2025	14:19	LB137561
	Vanadium	35.4	40.0	89	80 - 120	P	10/15/2025	14:19	LB137561
	Zinc	42.9	40.0	107	80 - 120	P	10/15/2025	14:19	LB137561

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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	9870	10000	99	90 - 110	P	10/15/2025	15:09	LB137561
	Antimony	5030	5000	101	90 - 110	P	10/15/2025	15:09	LB137561
	Arsenic	5000	5000	100	90 - 110	P	10/15/2025	15:09	LB137561
	Barium	9940	10000	99	90 - 110	P	10/15/2025	15:09	LB137561
	Beryllium	250	250	100	90 - 110	P	10/15/2025	15:09	LB137561
	Boron	4990	5000	100	90 - 110	P	10/15/2025	15:09	LB137561
	Cadmium	2480	2500	99	90 - 110	P	10/15/2025	15:09	LB137561
	Chromium	1010	1000	101	90 - 110	P	10/15/2025	15:09	LB137561
	Cobalt	2480	2500	99	90 - 110	P	10/15/2025	15:09	LB137561
	Copper	1260	1250	100	90 - 110	P	10/15/2025	15:09	LB137561
	Iron	5020	5000	100	90 - 110	P	10/15/2025	15:09	LB137561
	Lead	4950	5000	99	90 - 110	P	10/15/2025	15:09	LB137561
	Manganese	2490	2500	100	90 - 110	P	10/15/2025	15:09	LB137561
	Molybdenum	5000	5000	100	90 - 110	P	10/15/2025	15:09	LB137561
	Nickel	2490	2500	100	90 - 110	P	10/15/2025	15:09	LB137561
	Selenium	5050	5000	101	90 - 110	P	10/15/2025	15:09	LB137561
	Silver	1250	1250	100	90 - 110	P	10/15/2025	15:09	LB137561
	Thallium	4830	5000	97	90 - 110	P	10/15/2025	15:09	LB137561
	Vanadium	2480	2500	99	90 - 110	P	10/15/2025	15:09	LB137561
	Zinc	2540	2500	102	90 - 110	P	10/15/2025	15:09	LB137561
CCV02	Aluminum	9260	10000	93	90 - 110	P	10/15/2025	16:28	LB137561
	Antimony	4870	5000	98	90 - 110	P	10/15/2025	16:28	LB137561
	Arsenic	4810	5000	96	90 - 110	P	10/15/2025	16:28	LB137561
	Barium	9240	10000	92	90 - 110	P	10/15/2025	16:28	LB137561
	Beryllium	231	250	92	90 - 110	P	10/15/2025	16:28	LB137561
	Boron	4660	5000	93	90 - 110	P	10/15/2025	16:28	LB137561
	Cadmium	2340	2500	93	90 - 110	P	10/15/2025	16:28	LB137561
	Chromium	948	1000	95	90 - 110	P	10/15/2025	16:28	LB137561
	Cobalt	2340	2500	94	90 - 110	P	10/15/2025	16:28	LB137561
	Copper	1190	1250	95	90 - 110	P	10/15/2025	16:28	LB137561
	Iron	4820	5000	96	90 - 110	P	10/15/2025	16:28	LB137561
	Lead	4690	5000	94	90 - 110	P	10/15/2025	16:28	LB137561
	Manganese	2320	2500	93	90 - 110	P	10/15/2025	16:28	LB137561
	Molybdenum	4780	5000	96	90 - 110	P	10/15/2025	16:28	LB137561

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Initial Calibration Source: EPA

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Nickel	2350	2500	94	90 - 110	P	10/15/2025	16:28	LB137561
	Selenium	4910	5000	98	90 - 110	P	10/15/2025	16:28	LB137561
	Silver	1200	1250	96	90 - 110	P	10/15/2025	16:28	LB137561
	Thallium	4780	5000	96	90 - 110	P	10/15/2025	16:28	LB137561
	Vanadium	2340	2500	94	90 - 110	P	10/15/2025	16:28	LB137561
	Zinc	2360	2500	94	90 - 110	P	10/15/2025	16:28	LB137561
CCV03	Aluminum	9730	10000	97	90 - 110	P	10/15/2025	17:21	LB137561
	Antimony	4990	5000	100	90 - 110	P	10/15/2025	17:21	LB137561
	Arsenic	4930	5000	98	90 - 110	P	10/15/2025	17:21	LB137561
	Barium	9320	10000	93	90 - 110	P	10/15/2025	17:21	LB137561
	Beryllium	252	250	101	90 - 110	P	10/15/2025	17:21	LB137561
	Boron	5010	5000	100	90 - 110	P	10/15/2025	17:21	LB137561
	Cadmium	2410	2500	96	90 - 110	P	10/15/2025	17:21	LB137561
	Chromium	988	1000	99	90 - 110	P	10/15/2025	17:21	LB137561
	Cobalt	2410	2500	96	90 - 110	P	10/15/2025	17:21	LB137561
	Copper	1220	1250	98	90 - 110	P	10/15/2025	17:21	LB137561
	Iron	4690	5000	94	90 - 110	P	10/15/2025	17:21	LB137561
	Lead	4840	5000	97	90 - 110	P	10/15/2025	17:21	LB137561
	Manganese	2390	2500	96	90 - 110	P	10/15/2025	17:21	LB137561
	Molybdenum	4880	5000	98	90 - 110	P	10/15/2025	17:21	LB137561
	Nickel	2420	2500	97	90 - 110	P	10/15/2025	17:21	LB137561
	Selenium	5060	5000	101	90 - 110	P	10/15/2025	17:21	LB137561
	Silver	1230	1250	98	90 - 110	P	10/15/2025	17:21	LB137561
	Thallium	5480	5000	110	90 - 110	P	10/15/2025	17:21	LB137561
	Vanadium	2420	2500	97	90 - 110	P	10/15/2025	17:21	LB137561
	Zinc	2440	2500	98	90 - 110	P	10/15/2025	17:21	LB137561
CCV04	Aluminum	9550	10000	96	90 - 110	P	10/15/2025	18:10	LB137561
	Antimony	4800	5000	96	90 - 110	P	10/15/2025	18:10	LB137561
	Arsenic	4750	5000	95	90 - 110	P	10/15/2025	18:10	LB137561
	Barium	9160	10000	92	90 - 110	P	10/15/2025	18:10	LB137561
	Beryllium	244	250	97	90 - 110	P	10/15/2025	18:10	LB137561
	Boron	4820	5000	96	90 - 110	P	10/15/2025	18:10	LB137561
	Cadmium	2360	2500	94	90 - 110	P	10/15/2025	18:10	LB137561
	Chromium	976	1000	98	90 - 110	P	10/15/2025	18:10	LB137561

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Initial Calibration Source: EPA

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Cobalt	2350	2500	94	90 - 110	P	10/15/2025	18:10	LB137561
	Copper	1200	1250	96	90 - 110	P	10/15/2025	18:10	LB137561
	Iron	4680	5000	94	90 - 110	P	10/15/2025	18:10	LB137561
	Lead	4710	5000	94	90 - 110	P	10/15/2025	18:10	LB137561
	Manganese	2340	2500	94	90 - 110	P	10/15/2025	18:10	LB137561
	Molybdenum	4790	5000	96	90 - 110	P	10/15/2025	18:10	LB137561
	Nickel	2360	2500	94	90 - 110	P	10/15/2025	18:10	LB137561
	Selenium	4800	5000	96	90 - 110	P	10/15/2025	18:10	LB137561
	Silver	1200	1250	96	90 - 110	P	10/15/2025	18:10	LB137561
	Thallium	4980	5000	100	90 - 110	P	10/15/2025	18:10	LB137561
	Vanadium	2390	2500	96	90 - 110	P	10/15/2025	18:10	LB137561
	Zinc	2410	2500	96	90 - 110	P	10/15/2025	18:10	LB137561
CCV05	Aluminum	9890	10000	99	90 - 110	P	10/15/2025	18:58	LB137561
	Antimony	4970	5000	100	90 - 110	P	10/15/2025	18:58	LB137561
	Arsenic	4940	5000	99	90 - 110	P	10/15/2025	18:58	LB137561
	Barium	9690	10000	97	90 - 110	P	10/15/2025	18:58	LB137561
	Beryllium	253	250	101	90 - 110	P	10/15/2025	18:58	LB137561
	Boron	5020	5000	100	90 - 110	P	10/15/2025	18:58	LB137561
	Cadmium	2480	2500	99	90 - 110	P	10/15/2025	18:58	LB137561
	Chromium	1020	1000	102	90 - 110	P	10/15/2025	18:58	LB137561
	Cobalt	2470	2500	99	90 - 110	P	10/15/2025	18:58	LB137561
	Copper	1250	1250	100	90 - 110	P	10/15/2025	18:58	LB137561
	Iron	4940	5000	99	90 - 110	P	10/15/2025	18:58	LB137561
	Lead	4940	5000	99	90 - 110	P	10/15/2025	18:58	LB137561
	Manganese	2460	2500	98	90 - 110	P	10/15/2025	18:58	LB137561
	Molybdenum	5050	5000	101	90 - 110	P	10/15/2025	18:58	LB137561
	Nickel	2480	2500	99	90 - 110	P	10/15/2025	18:58	LB137561
	Selenium	4960	5000	99	90 - 110	P	10/15/2025	18:58	LB137561
	Silver	1260	1250	101	90 - 110	P	10/15/2025	18:58	LB137561
	Thallium	5220	5000	104	90 - 110	P	10/15/2025	18:58	LB137561
	Vanadium	2490	2500	100	90 - 110	P	10/15/2025	18:58	LB137561
	Zinc	2510	2500	100	90 - 110	P	10/15/2025	18:58	LB137561
CCV06	Aluminum	10300	10000	103	90 - 110	P	10/15/2025	19:44	LB137561
	Antimony	4970	5000	99	90 - 110	P	10/15/2025	19:44	LB137561

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SDG No.: Q3341

Contract: POWE02

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Arsenic	4940	5000	99	90 - 110	P	10/15/2025	19:44	LB137561
	Barium	10100	10000	101	90 - 110	P	10/15/2025	19:44	LB137561
	Beryllium	264	250	106	90 - 110	P	10/15/2025	19:44	LB137561
	Boron	5200	5000	104	90 - 110	P	10/15/2025	19:44	LB137561
	Cadmium	2460	2500	98	90 - 110	P	10/15/2025	19:44	LB137561
	Chromium	1020	1000	102	90 - 110	P	10/15/2025	19:44	LB137561
	Cobalt	2450	2500	98	90 - 110	P	10/15/2025	19:44	LB137561
	Copper	1240	1250	99	90 - 110	P	10/15/2025	19:44	LB137561
	Iron	4880	5000	98	90 - 110	P	10/15/2025	19:44	LB137561
	Lead	4900	5000	98	90 - 110	P	10/15/2025	19:44	LB137561
	Manganese	2570	2500	103	90 - 110	P	10/15/2025	19:44	LB137561
	Molybdenum	4990	5000	100	90 - 110	P	10/15/2025	19:44	LB137561
	Nickel	2450	2500	98	90 - 110	P	10/15/2025	19:44	LB137561
	Selenium	4970	5000	100	90 - 110	P	10/15/2025	19:44	LB137561
	Silver	1240	1250	100	90 - 110	P	10/15/2025	19:44	LB137561
	Thallium	5010	5000	100	90 - 110	P	10/15/2025	19:44	LB137561
	Vanadium	2600	2500	104	90 - 110	P	10/15/2025	19:44	LB137561
	Zinc	2500	2500	100	90 - 110	P	10/15/2025	19:44	LB137561

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ICV01	Aluminum	7720	8000	96	90 - 110	P	10/16/2025	11:34	LB137573
	Antimony	3970	4000	99	90 - 110	P	10/16/2025	11:34	LB137573
	Arsenic	3920	4000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Barium	7880	8000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Beryllium	197	200	99	90 - 110	P	10/16/2025	11:34	LB137573
	Boron	3890	4000	97	90 - 110	P	10/16/2025	11:34	LB137573
	Cadmium	1930	2000	97	90 - 110	P	10/16/2025	11:34	LB137573
	Chromium	797	800	100	90 - 110	P	10/16/2025	11:34	LB137573
	Cobalt	1960	2000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Copper	1010	1000	101	90 - 110	P	10/16/2025	11:34	LB137573
	Iron	4030	4000	101	90 - 110	P	10/16/2025	11:34	LB137573
	Lead	3800	4000	95	90 - 110	P	10/16/2025	11:34	LB137573
	Manganese	1970	2000	99	90 - 110	P	10/16/2025	11:34	LB137573
	Molybdenum	3990	4000	100	90 - 110	P	10/16/2025	11:34	LB137573
	Nickel	1960	2000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Selenium	3910	4000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Silver	965	1000	96	90 - 110	P	10/16/2025	11:34	LB137573
	Thallium	4120	4000	103	90 - 110	P	10/16/2025	11:34	LB137573
	Vanadium	1950	2000	97	90 - 110	P	10/16/2025	11:34	LB137573
	Zinc	1990	2000	99	90 - 110	P	10/16/2025	11:34	LB137573

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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	10/16/2025	11:58	LB137573
	Antimony	52.5	50.0	105	80 - 120	P	10/16/2025	11:58	LB137573
	Arsenic	20.2	20.0	101	80 - 120	P	10/16/2025	11:58	LB137573
	Barium	92.6	100	93	80 - 120	P	10/16/2025	11:58	LB137573
	Beryllium	6.40	6.0	107	80 - 120	P	10/16/2025	11:58	LB137573
	Boron	108	100	108	80 - 120	P	10/16/2025	11:58	LB137573
	Cadmium	5.80	6.0	97	80 - 120	P	10/16/2025	11:58	LB137573
	Chromium	10.3	10.0	103	80 - 120	P	10/16/2025	11:58	LB137573
	Cobalt	29.6	30.0	99	80 - 120	P	10/16/2025	11:58	LB137573
	Copper	22.2	20.0	111	80 - 120	P	10/16/2025	11:58	LB137573
	Iron	100	100	100	80 - 120	P	10/16/2025	11:58	LB137573
	Lead	10.6	12.0	89	80 - 120	P	10/16/2025	11:58	LB137573
	Manganese	21.2	20.0	106	80 - 120	P	10/16/2025	11:58	LB137573
	Molybdenum	203	200	102	80 - 120	P	10/16/2025	11:58	LB137573
	Nickel	39.8	40.0	100	80 - 120	P	10/16/2025	11:58	LB137573
	Selenium	21.3	20.0	107	80 - 120	P	10/16/2025	11:58	LB137573
	Silver	10.4	10.0	104	80 - 120	P	10/16/2025	11:58	LB137573
	Thallium	47.7	40.0	119	80 - 120	P	10/16/2025	11:58	LB137573
	Vanadium	36.4	40.0	91	80 - 120	P	10/16/2025	11:58	LB137573
	Zinc	42.7	40.0	107	80 - 120	P	10/16/2025	11:58	LB137573

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3341

Contract: POWE02

Lab Code: ACE

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	9990	10000	100	90 - 110	P	10/16/2025	12:38	LB137573
	Antimony	5030	5000	101	90 - 110	P	10/16/2025	12:38	LB137573
	Arsenic	5080	5000	102	90 - 110	P	10/16/2025	12:38	LB137573
	Barium	9890	10000	99	90 - 110	P	10/16/2025	12:38	LB137573
	Beryllium	252	250	101	90 - 110	P	10/16/2025	12:38	LB137573
	Boron	5020	5000	100	90 - 110	P	10/16/2025	12:38	LB137573
	Cadmium	2510	2500	100	90 - 110	P	10/16/2025	12:38	LB137573
	Chromium	1010	1000	101	90 - 110	P	10/16/2025	12:38	LB137573
	Cobalt	2500	2500	100	90 - 110	P	10/16/2025	12:38	LB137573
	Copper	1270	1250	102	90 - 110	P	10/16/2025	12:38	LB137573
	Iron	5000	5000	100	90 - 110	P	10/16/2025	12:38	LB137573
	Lead	4970	5000	100	90 - 110	P	10/16/2025	12:38	LB137573
	Manganese	2490	2500	100	90 - 110	P	10/16/2025	12:38	LB137573
	Molybdenum	5100	5000	102	90 - 110	P	10/16/2025	12:38	LB137573
	Nickel	2500	2500	100	90 - 110	P	10/16/2025	12:38	LB137573
	Selenium	5110	5000	102	90 - 110	P	10/16/2025	12:38	LB137573
	Silver	1250	1250	100	90 - 110	P	10/16/2025	12:38	LB137573
	Thallium	4820	5000	96	90 - 110	P	10/16/2025	12:38	LB137573
	Vanadium	2500	2500	100	90 - 110	P	10/16/2025	12:38	LB137573
	Zinc	2530	2500	101	90 - 110	P	10/16/2025	12:38	LB137573
CCV02	Aluminum	9710	10000	97	90 - 110	P	10/16/2025	13:45	LB137573
	Antimony	4930	5000	99	90 - 110	P	10/16/2025	13:45	LB137573
	Arsenic	4920	5000	98	90 - 110	P	10/16/2025	13:45	LB137573
	Barium	9950	10000	100	90 - 110	P	10/16/2025	13:45	LB137573
	Beryllium	245	250	98	90 - 110	P	10/16/2025	13:45	LB137573
	Boron	4960	5000	99	90 - 110	P	10/16/2025	13:45	LB137573
	Cadmium	2390	2500	96	90 - 110	P	10/16/2025	13:45	LB137573
	Chromium	958	1000	96	90 - 110	P	10/16/2025	13:45	LB137573
	Cobalt	2400	2500	96	90 - 110	P	10/16/2025	13:45	LB137573
	Copper	1230	1250	98	90 - 110	P	10/16/2025	13:45	LB137573
	Iron	4930	5000	99	90 - 110	P	10/16/2025	13:45	LB137573
	Lead	4800	5000	96	90 - 110	P	10/16/2025	13:45	LB137573
	Manganese	2500	2500	100	90 - 110	P	10/16/2025	13:45	LB137573
	Molybdenum	4930	5000	99	90 - 110	P	10/16/2025	13:45	LB137573

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3341

Contract: POWE02

Lab Code: ACE

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	Nickel	2400	2500	96	90 - 110	P	10/16/2025	13:45	LB137573
	Selenium	4940	5000	99	90 - 110	P	10/16/2025	13:45	LB137573
	Silver	1220	1250	98	90 - 110	P	10/16/2025	13:45	LB137573
	Thallium	4750	5000	95	90 - 110	P	10/16/2025	13:45	LB137573
	Vanadium	2440	2500	98	90 - 110	P	10/16/2025	13:45	LB137573
	Zinc	2440	2500	98	90 - 110	P	10/16/2025	13:45	LB137573
CCV03	Aluminum	9590	10000	96	90 - 110	P	10/16/2025	14:45	LB137573
	Antimony	4830	5000	97	90 - 110	P	10/16/2025	14:45	LB137573
	Arsenic	4840	5000	97	90 - 110	P	10/16/2025	14:45	LB137573
	Barium	9620	10000	96	90 - 110	P	10/16/2025	14:45	LB137573
	Beryllium	246	250	98	90 - 110	P	10/16/2025	14:45	LB137573
	Boron	4950	5000	99	90 - 110	P	10/16/2025	14:45	LB137573
	Cadmium	2360	2500	95	90 - 110	P	10/16/2025	14:45	LB137573
	Chromium	959	1000	96	90 - 110	P	10/16/2025	14:45	LB137573
	Cobalt	2370	2500	95	90 - 110	P	10/16/2025	14:45	LB137573
	Copper	1210	1250	97	90 - 110	P	10/16/2025	14:45	LB137573
	Iron	4800	5000	96	90 - 110	P	10/16/2025	14:45	LB137573
	Lead	4740	5000	95	90 - 110	P	10/16/2025	14:45	LB137573
	Manganese	2430	2500	97	90 - 110	P	10/16/2025	14:45	LB137573
	Molybdenum	4870	5000	98	90 - 110	P	10/16/2025	14:45	LB137573
	Nickel	2360	2500	95	90 - 110	P	10/16/2025	14:45	LB137573
	Selenium	4870	5000	97	90 - 110	P	10/16/2025	14:45	LB137573
	Silver	1210	1250	97	90 - 110	P	10/16/2025	14:45	LB137573
	Thallium	4880	5000	98	90 - 110	P	10/16/2025	14:45	LB137573
	Vanadium	2410	2500	97	90 - 110	P	10/16/2025	14:45	LB137573
	Zinc	2430	2500	97	90 - 110	P	10/16/2025	14:45	LB137573
CCV04	Aluminum	9610	10000	96	90 - 110	P	10/16/2025	15:38	LB137573
	Antimony	4920	5000	98	90 - 110	P	10/16/2025	15:38	LB137573
	Arsenic	4880	5000	98	90 - 110	P	10/16/2025	15:38	LB137573
	Barium	9380	10000	94	90 - 110	P	10/16/2025	15:38	LB137573
	Beryllium	243	250	97	90 - 110	P	10/16/2025	15:38	LB137573
	Boron	4830	5000	96	90 - 110	P	10/16/2025	15:38	LB137573
	Cadmium	2370	2500	95	90 - 110	P	10/16/2025	15:38	LB137573
	Chromium	975	1000	98	90 - 110	P	10/16/2025	15:38	LB137573

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3341

Contract: POWE02

Lab Code: ACE

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	Cobalt	2380	2500	95	90 - 110	P	10/16/2025	15:38	LB137573
	Copper	1220	1250	97	90 - 110	P	10/16/2025	15:38	LB137573
	Iron	4840	5000	97	90 - 110	P	10/16/2025	15:38	LB137573
	Lead	4760	5000	95	90 - 110	P	10/16/2025	15:38	LB137573
	Manganese	2370	2500	95	90 - 110	P	10/16/2025	15:38	LB137573
	Molybdenum	4900	5000	98	90 - 110	P	10/16/2025	15:38	LB137573
	Nickel	2370	2500	95	90 - 110	P	10/16/2025	15:38	LB137573
	Selenium	4970	5000	99	90 - 110	P	10/16/2025	15:38	LB137573
	Silver	1220	1250	98	90 - 110	P	10/16/2025	15:38	LB137573
	Thallium	5270	5000	105	90 - 110	P	10/16/2025	15:38	LB137573
	Vanadium	2390	2500	96	90 - 110	P	10/16/2025	15:38	LB137573
	Zinc	2470	2500	99	90 - 110	P	10/16/2025	15:38	LB137573
CCV05	Aluminum	9770	10000	98	90 - 110	P	10/16/2025	16:31	LB137573
	Antimony	5180	5000	104	90 - 110	P	10/16/2025	16:31	LB137573
	Arsenic	5080	5000	102	90 - 110	P	10/16/2025	16:31	LB137573
	Barium	9930	10000	99	90 - 110	P	10/16/2025	16:31	LB137573
	Beryllium	251	250	100	90 - 110	P	10/16/2025	16:31	LB137573
	Boron	5130	5000	103	90 - 110	P	10/16/2025	16:31	LB137573
	Cadmium	2400	2500	96	90 - 110	P	10/16/2025	16:31	LB137573
	Chromium	964	1000	96	90 - 110	P	10/16/2025	16:31	LB137573
	Cobalt	2430	2500	97	90 - 110	P	10/16/2025	16:31	LB137573
	Copper	1250	1250	100	90 - 110	P	10/16/2025	16:31	LB137573
	Iron	5010	5000	100	90 - 110	P	10/16/2025	16:31	LB137573
	Lead	4880	5000	98	90 - 110	P	10/16/2025	16:31	LB137573
	Manganese	2500	2500	100	90 - 110	P	10/16/2025	16:31	LB137573
	Molybdenum	5000	5000	100	90 - 110	P	10/16/2025	16:31	LB137573
	Nickel	2430	2500	97	90 - 110	P	10/16/2025	16:31	LB137573
	Selenium	5210	5000	104	90 - 110	P	10/16/2025	16:31	LB137573
	Silver	1260	1250	101	90 - 110	P	10/16/2025	16:31	LB137573
	Thallium	5460	5000	109	90 - 110	P	10/16/2025	16:31	LB137573
	Vanadium	2450	2500	98	90 - 110	P	10/16/2025	16:31	LB137573
	Zinc	2520	2500	101	90 - 110	P	10/16/2025	16:31	LB137573
CCV06	Aluminum	9400	10000	94	90 - 110	P	10/16/2025	17:49	LB137573
	Antimony	4910	5000	98	90 - 110	P	10/16/2025	17:49	LB137573

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3341

Contract: POWE02

Lab Code: ACE

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
CCV06	Arsenic	4810	5000	96	90 - 110	P	10/16/2025	17:49	LB137573
	Barium	9330	10000	93	90 - 110	P	10/16/2025	17:49	LB137573
	Beryllium	241	250	96	90 - 110	P	10/16/2025	17:49	LB137573
	Boron	4890	5000	98	90 - 110	P	10/16/2025	17:49	LB137573
	Cadmium	2300	2500	92	90 - 110	P	10/16/2025	17:49	LB137573
	Chromium	932	1000	93	90 - 110	P	10/16/2025	17:49	LB137573
	Cobalt	2320	2500	93	90 - 110	P	10/16/2025	17:49	LB137573
	Copper	1190	1250	95	90 - 110	P	10/16/2025	17:49	LB137573
	Iron	4720	5000	94	90 - 110	P	10/16/2025	17:49	LB137573
	Lead	4650	5000	93	90 - 110	P	10/16/2025	17:49	LB137573
	Manganese	2360	2500	94	90 - 110	P	10/16/2025	17:49	LB137573
	Molybdenum	4790	5000	96	90 - 110	P	10/16/2025	17:49	LB137573
	Nickel	2310	2500	92	90 - 110	P	10/16/2025	17:49	LB137573
	Selenium	4920	5000	98	90 - 110	P	10/16/2025	17:49	LB137573
	Silver	1200	1250	96	90 - 110	P	10/16/2025	17:49	LB137573
	Thallium	5040	5000	101	90 - 110	P	10/16/2025	17:49	LB137573
	Vanadium	2360	2500	94	90 - 110	P	10/16/2025	17:49	LB137573
	Zinc	2400	2500	96	90 - 110	P	10/16/2025	17:49	LB137573
CCV07	Aluminum	9550	10000	96	90 - 110	P	10/16/2025	18:42	LB137573
	Antimony	4950	5000	99	90 - 110	P	10/16/2025	18:42	LB137573
	Arsenic	4900	5000	98	90 - 110	P	10/16/2025	18:42	LB137573
	Barium	9660	10000	97	90 - 110	P	10/16/2025	18:42	LB137573
	Beryllium	245	250	98	90 - 110	P	10/16/2025	18:42	LB137573
	Boron	4980	5000	100	90 - 110	P	10/16/2025	18:42	LB137573
	Cadmium	2350	2500	94	90 - 110	P	10/16/2025	18:42	LB137573
	Chromium	956	1000	96	90 - 110	P	10/16/2025	18:42	LB137573
	Cobalt	2370	2500	95	90 - 110	P	10/16/2025	18:42	LB137573
	Copper	1210	1250	97	90 - 110	P	10/16/2025	18:42	LB137573
	Iron	4850	5000	97	90 - 110	P	10/16/2025	18:42	LB137573
	Lead	4760	5000	95	90 - 110	P	10/16/2025	18:42	LB137573
	Manganese	2440	2500	98	90 - 110	P	10/16/2025	18:42	LB137573
	Molybdenum	4860	5000	97	90 - 110	P	10/16/2025	18:42	LB137573
	Nickel	2370	2500	95	90 - 110	P	10/16/2025	18:42	LB137573
	Selenium	4950	5000	99	90 - 110	P	10/16/2025	18:42	LB137573

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3341

Contract: POWE02

Lab Code: ACE

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	Silver	1220	1250	98	90 - 110	P	10/16/2025	18:42	LB137573
	Thallium	5170	5000	103	90 - 110	P	10/16/2025	18:42	LB137573
	Vanadium	2410	2500	96	90 - 110	P	10/16/2025	18:42	LB137573
	Zinc	2450	2500	98	90 - 110	P	10/16/2025	18:42	LB137573
CCV08	Aluminum	9420	10000	94	90 - 110	P	10/16/2025	19:33	LB137573
	Antimony	5080	5000	102	90 - 110	P	10/16/2025	19:33	LB137573
	Arsenic	4970	5000	99	90 - 110	P	10/16/2025	19:33	LB137573
	Barium	9350	10000	94	90 - 110	P	10/16/2025	19:33	LB137573
	Beryllium	247	250	99	90 - 110	P	10/16/2025	19:33	LB137573
	Boron	4970	5000	99	90 - 110	P	10/16/2025	19:33	LB137573
	Cadmium	2370	2500	95	90 - 110	P	10/16/2025	19:33	LB137573
	Chromium	971	1000	97	90 - 110	P	10/16/2025	19:33	LB137573
	Cobalt	2380	2500	95	90 - 110	P	10/16/2025	19:33	LB137573
	Copper	1220	1250	98	90 - 110	P	10/16/2025	19:33	LB137573
	Iron	4790	5000	96	90 - 110	P	10/16/2025	19:33	LB137573
	Lead	4800	5000	96	90 - 110	P	10/16/2025	19:33	LB137573
	Manganese	2370	2500	95	90 - 110	P	10/16/2025	19:33	LB137573
	Molybdenum	4900	5000	98	90 - 110	P	10/16/2025	19:33	LB137573
	Nickel	2380	2500	95	90 - 110	P	10/16/2025	19:33	LB137573
	Selenium	5120	5000	102	90 - 110	P	10/16/2025	19:33	LB137573
	Silver	1230	1250	99	90 - 110	P	10/16/2025	19:33	LB137573
	Thallium	4990	5000	100	90 - 110	P	10/16/2025	19:33	LB137573
	Vanadium	2390	2500	96	90 - 110	P	10/16/2025	19:33	LB137573
	Zinc	2470	2500	99	90 - 110	P	10/16/2025	19:33	LB137573
CCV09	Aluminum	8990	10000	90	90 - 110	P	10/16/2025	20:07	LB137573
	Antimony	4780	5000	96	90 - 110	P	10/16/2025	20:07	LB137573
	Arsenic	4740	5000	95	90 - 110	P	10/16/2025	20:07	LB137573
	Barium	8960	10000	90	90 - 110	P	10/16/2025	20:07	LB137573
	Beryllium	234	250	94	90 - 110	P	10/16/2025	20:07	LB137573
	Boron	4710	5000	94	90 - 110	P	10/16/2025	20:07	LB137573
	Cadmium	2280	2500	91	90 - 110	P	10/16/2025	20:07	LB137573
	Chromium	939	1000	94	90 - 110	P	10/16/2025	20:07	LB137573
	Cobalt	2290	2500	92	90 - 110	P	10/16/2025	20:07	LB137573
	Copper	1170	1250	94	90 - 110	P	10/16/2025	20:07	LB137573

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q3341

Contract: POWE02

Lab Code: ACE

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
CCV09	Iron	4660	5000	93	90 - 110	P	10/16/2025	20:07	LB137573
	Lead	4600	5000	92	90 - 110	P	10/16/2025	20:07	LB137573
	Manganese	2270	2500	91	90 - 110	P	10/16/2025	20:07	LB137573
	Molybdenum	4730	5000	95	90 - 110	P	10/16/2025	20:07	LB137573
	Nickel	2290	2500	92	90 - 110	P	10/16/2025	20:07	LB137573
	Selenium	4800	5000	96	90 - 110	P	10/16/2025	20:07	LB137573
	Silver	1190	1250	95	90 - 110	P	10/16/2025	20:07	LB137573
	Thallium	5110	5000	102	90 - 110	P	10/16/2025	20:07	LB137573
	Vanadium	2280	2500	91	90 - 110	P	10/16/2025	20:07	LB137573
	Zinc	2400	2500	96	90 - 110	P	10/16/2025	20:07	LB137573