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: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

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
ICV99	Mercury	3.91	4.0	98	90 - 110	CV	04/24/2025	08:03	LB135540

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

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
CCV17	Mercury	5.04	5.0	101	90 - 110	CV	04/24/2025	08:07	LB135540
CCV18	Mercury	5.02	5.0	100	90 - 110	CV	04/24/2025	08:41	LB135540
CCV19	Mercury	5.06	5.0	101	90 - 110	CV	04/24/2025	09:08	LB135540
CCV20	Mercury	5.05	5.0	101	90 - 110	CV	04/24/2025	09:19	LB135540

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

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	2400	2500	96	90 - 110	P	04/23/2025	15:29	LB135538
	Antimony	974	1000	97	90 - 110	P	04/23/2025	15:29	LB135538
	Arsenic	990	1000	99	90 - 110	P	04/23/2025	15:29	LB135538
	Barium	553	520	106	90 - 110	P	04/23/2025	15:29	LB135538
	Beryllium	533	510	105	90 - 110	P	04/23/2025	15:29	LB135538
	Boron	2470	2500	99	90 - 110	P	04/23/2025	15:29	LB135538
	Cadmium	499	510	98	90 - 110	P	04/23/2025	15:29	LB135538
	Chromium	529	520	102	90 - 110	P	04/23/2025	15:29	LB135538
	Cobalt	539	520	104	90 - 110	P	04/23/2025	15:29	LB135538
	Copper	489	510	96	90 - 110	P	04/23/2025	15:29	LB135538
	Iron	10500	10000	105	90 - 110	P	04/23/2025	15:29	LB135538
	Lead	972	1000	97	90 - 110	P	04/23/2025	15:29	LB135538
	Manganese	517	520	100	90 - 110	P	04/23/2025	15:29	LB135538
	Molybdenum	2600	2500	104	90 - 110	P	04/23/2025	15:29	LB135538
	Nickel	542	530	102	90 - 110	P	04/23/2025	15:29	LB135538
	Selenium	1020	1000	102	90 - 110	P	04/23/2025	15:29	LB135538
	Silver	242	250	97	90 - 110	P	04/23/2025	15:29	LB135538
	Thallium	1010	1000	102	90 - 110	P	04/23/2025	15:29	LB135538
	Vanadium	513	500	102	90 - 110	P	04/23/2025	15:29	LB135538
	Zinc	981	1000	98	90 - 110	P	04/23/2025	15:29	LB135538

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

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	98.1	100	98	80 - 120	P	04/23/2025	15:44	LB135538
	Antimony	53.8	50.0	108	80 - 120	P	04/23/2025	15:44	LB135538
	Arsenic	22.1	20.0	110	80 - 120	P	04/23/2025	15:44	LB135538
	Barium	91.7	100	92	80 - 120	P	04/23/2025	15:44	LB135538
	Beryllium	6.01	6.0	100	80 - 120	P	04/23/2025	15:44	LB135538
	Boron	104	100	104	80 - 120	P	04/23/2025	15:44	LB135538
	Cadmium	6.11	6.0	102	80 - 120	P	04/23/2025	15:44	LB135538
	Chromium	9.47	10.0	95	80 - 120	P	04/23/2025	15:44	LB135538
	Cobalt	29.3	30.0	98	80 - 120	P	04/23/2025	15:44	LB135538
	Copper	22.3	20.0	111	80 - 120	P	04/23/2025	15:44	LB135538
	Iron	106	100	106	80 - 120	P	04/23/2025	15:44	LB135538
	Lead	12.5	12.0	104	80 - 120	P	04/23/2025	15:44	LB135538
	Manganese	20.1	20.0	100	80 - 120	P	04/23/2025	15:44	LB135538
	Molybdenum	206	200	103	80 - 120	P	04/23/2025	15:44	LB135538
	Nickel	39.4	40.0	98	80 - 120	P	04/23/2025	15:44	LB135538
	Selenium	18.5	20.0	93	80 - 120	P	04/23/2025	15:44	LB135538
	Silver	10.2	10.0	102	80 - 120	P	04/23/2025	15:44	LB135538
	Thallium	45.6	40.0	114	80 - 120	P	04/23/2025	15:44	LB135538
	Vanadium	39.5	40.0	99	80 - 120	P	04/23/2025	15:44	LB135538
	Zinc	43.4	40.0	108	80 - 120	P	04/23/2025	15:44	LB135538

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

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	9730	10000	97	90 - 110	P	04/23/2025	16:15	LB135538
	Antimony	5030	5000	101	90 - 110	P	04/23/2025	16:15	LB135538
	Arsenic	5030	5000	101	90 - 110	P	04/23/2025	16:15	LB135538
	Barium	9810	10000	98	90 - 110	P	04/23/2025	16:15	LB135538
	Beryllium	243	250	97	90 - 110	P	04/23/2025	16:15	LB135538
	Boron	4820	5000	96	90 - 110	P	04/23/2025	16:15	LB135538
	Cadmium	2470	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Chromium	1000	1000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Cobalt	2470	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Copper	1260	1250	100	90 - 110	P	04/23/2025	16:15	LB135538
	Iron	5160	5000	103	90 - 110	P	04/23/2025	16:15	LB135538
	Lead	4970	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Manganese	2420	2500	97	90 - 110	P	04/23/2025	16:15	LB135538
	Molybdenum	4990	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Nickel	2480	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Selenium	5080	5000	102	90 - 110	P	04/23/2025	16:15	LB135538
	Silver	1260	1250	101	90 - 110	P	04/23/2025	16:15	LB135538
	Thallium	4990	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Vanadium	2430	2500	97	90 - 110	P	04/23/2025	16:15	LB135538
	Zinc	2520	2500	101	90 - 110	P	04/23/2025	16:15	LB135538
CCV02	Aluminum	9890	10000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Antimony	4990	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Arsenic	4950	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Barium	9750	10000	98	90 - 110	P	04/23/2025	17:05	LB135538
	Beryllium	251	250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Boron	5000	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Cadmium	2460	2500	98	90 - 110	P	04/23/2025	17:05	LB135538
	Chromium	1010	1000	101	90 - 110	P	04/23/2025	17:05	LB135538
	Cobalt	2460	2500	99	90 - 110	P	04/23/2025	17:05	LB135538
	Copper	1250	1250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Iron	4950	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Lead	4930	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Manganese	2430	2500	97	90 - 110	P	04/23/2025	17:05	LB135538
	Molybdenum	5010	5000	100	90 - 110	P	04/23/2025	17:05	LB135538

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

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	2470	2500	99	90 - 110	P	04/23/2025	17:05	LB135538
	Selenium	4970	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Silver	1260	1250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Thallium	4890	5000	98	90 - 110	P	04/23/2025	17:05	LB135538
	Vanadium	2460	2500	98	90 - 110	P	04/23/2025	17:05	LB135538
	Zinc	2510	2500	100	90 - 110	P	04/23/2025	17:05	LB135538
CCV03	Aluminum	9820	10000	98	90 - 110	P	04/23/2025	17:55	LB135538
	Antimony	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Arsenic	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Barium	9910	10000	99	90 - 110	P	04/23/2025	17:55	LB135538
	Beryllium	248	250	99	90 - 110	P	04/23/2025	17:55	LB135538
	Boron	4910	5000	98	90 - 110	P	04/23/2025	17:55	LB135538
	Cadmium	2510	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Chromium	1020	1000	102	90 - 110	P	04/23/2025	17:55	LB135538
	Cobalt	2500	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Copper	1260	1250	101	90 - 110	P	04/23/2025	17:55	LB135538
	Iron	5200	5000	104	90 - 110	P	04/23/2025	17:55	LB135538
	Lead	5020	5000	100	90 - 110	P	04/23/2025	17:55	LB135538
	Manganese	2450	2500	98	90 - 110	P	04/23/2025	17:55	LB135538
	Molybdenum	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Nickel	2500	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Selenium	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Silver	1280	1250	102	90 - 110	P	04/23/2025	17:55	LB135538
	Thallium	4940	5000	99	90 - 110	P	04/23/2025	17:55	LB135538
	Vanadium	2480	2500	99	90 - 110	P	04/23/2025	17:55	LB135538
	Zinc	2550	2500	102	90 - 110	P	04/23/2025	17:55	LB135538
CCV04	Aluminum	9860	10000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Antimony	4990	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Arsenic	4980	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Barium	9730	10000	97	90 - 110	P	04/23/2025	18:38	LB135538
	Beryllium	251	250	100	90 - 110	P	04/23/2025	18:38	LB135538
	Boron	4950	5000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Cadmium	2480	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Chromium	1010	1000	101	90 - 110	P	04/23/2025	18:38	LB135538

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1859

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1859 **SAS No.:** Q1859

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	2470	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Copper	1250	1250	100	90 - 110	P	04/23/2025	18:38	LB135538
	Iron	5070	5000	102	90 - 110	P	04/23/2025	18:38	LB135538
	Lead	4960	5000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Manganese	2430	2500	97	90 - 110	P	04/23/2025	18:38	LB135538
	Molybdenum	4990	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Nickel	2480	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Selenium	5000	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Silver	1260	1250	101	90 - 110	P	04/23/2025	18:38	LB135538
	Thallium	4890	5000	98	90 - 110	P	04/23/2025	18:38	LB135538
	Vanadium	2470	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Zinc	2520	2500	101	90 - 110	P	04/23/2025	18:38	LB135538