

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Kleinfelder</u>	SDG No.: <u>Q3155</u>
Contract: <u>POWE02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	241000	255000	94	216000	294000	09/23/2025	14:23	LB137283
	Antimony	-4.74			-50	50	09/23/2025	14:23	LB137283
	Arsenic	13.8			-20	20	09/23/2025	14:23	LB137283
	Barium	11.3	6.0	188	-94	106	09/23/2025	14:23	LB137283
	Beryllium	1.99			-6	6	09/23/2025	14:23	LB137283
	Cadmium	2.52	1.0	252	-5	7	09/23/2025	14:23	LB137283
	Chromium	48.0	52.0	92	42	62	09/23/2025	14:23	LB137283
	Cobalt	4.04			-30	30	09/23/2025	14:23	LB137283
	Copper	8.40	2.0	420	-18	22	09/23/2025	14:23	LB137283
	Iron	98800	101000	98	85600	116500	09/23/2025	14:23	LB137283
	Lead	3.11			-12	12	09/23/2025	14:23	LB137283
	Manganese	9.40	7.0	134	-13	27	09/23/2025	14:23	LB137283
	Molybdenum	11.6	1000	1	-200	200	09/23/2025	14:23	LB137283
	Nickel	5.70	2.0	285	-38	42	09/23/2025	14:23	LB137283
	Selenium	5.52			-20	20	09/23/2025	14:23	LB137283
	Silver	4.17			-10	10	09/23/2025	14:23	LB137283
	Thallium	2.83			-40	40	09/23/2025	14:23	LB137283
	Vanadium	8.64			-40	40	09/23/2025	14:23	LB137283
	Zinc	-1.32			-40	40	09/23/2025	14:23	LB137283
ICSAB01	Aluminum	231000	247000	94	209000	285000	09/23/2025	14:27	LB137283
	Antimony	548	618	89	525	711	09/23/2025	14:27	LB137283
	Arsenic	103	104	99	88.4	120	09/23/2025	14:27	LB137283
	Barium	455	537	85	437	637	09/23/2025	14:27	LB137283
	Beryllium	457	495	92	420	570	09/23/2025	14:27	LB137283
	Cadmium	898	972	92	826	1120	09/23/2025	14:27	LB137283
	Chromium	506	542	93	460	624	09/23/2025	14:27	LB137283
	Cobalt	450	476	94	404	548	09/23/2025	14:27	LB137283
	Copper	438	511	86	434	588	09/23/2025	14:27	LB137283
	Iron	94800	99300	96	84400	114500	09/23/2025	14:27	LB137283
	Lead	44.9	49.0	92	37	61	09/23/2025	14:27	LB137283
	Manganese	453	507	89	430	584	09/23/2025	14:27	LB137283
	Molybdenum	902	1000	90	850	1150	09/23/2025	14:27	LB137283
	Nickel	894	954	94	810	1100	09/23/2025	14:27	LB137283
	Selenium	50.6	46.0	110	26	66	09/23/2025	14:27	LB137283
	Silver	198	201	98	170	232	09/23/2025	14:27	LB137283
	Thallium	101	108	94	68	148	09/23/2025	14:27	LB137283
	Vanadium	445	491	91	417	565	09/23/2025	14:27	LB137283
	Zinc	936	952	98	809	1095	09/23/2025	14:27	LB137283
ICSA	Aluminum	228000	255000	89	216000	294000	09/23/2025	14:31	LB137283
	Antimony	-13.2			-50	50	09/23/2025	14:31	LB137283
	Arsenic	104			-20	20	09/23/2025	14:31	LB137283
	Barium	-22.9	6.0	382	-94	106	09/23/2025	14:31	LB137283

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ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA	Beryllium	5.15			-6	6	09/23/2025	14:31	LB137283
	Cadmium	13.6	1.0	1360	-5	7	09/23/2025	14:31	LB137283
	Chromium	40.7	52.0	78	42	62	09/23/2025	14:31	LB137283
	Cobalt	8.71			-30	30	09/23/2025	14:31	LB137283
	Copper	25.6	2.0	1280	-18	22	09/23/2025	14:31	LB137283
	Iron	88500	101000	88	85600	116500	09/23/2025	14:31	LB137283
	Lead	48.4			-12	12	09/23/2025	14:31	LB137283
	Manganese	2.51	7.0	36	-13	27	09/23/2025	14:31	LB137283
	Molybdenum	28.3	1000	3	-200	200	09/23/2025	14:31	LB137283
	Nickel	15.4	2.0	770	-38	42	09/23/2025	14:31	LB137283
	Selenium	-5.32			-20	20	09/23/2025	14:31	LB137283
	Silver	27.1			-10	10	09/23/2025	14:31	LB137283
	Thallium	41.7			-40	40	09/23/2025	14:31	LB137283
	Vanadium	34.7			-40	40	09/23/2025	14:31	LB137283
	Zinc	-242			-40	40	09/23/2025	14:31	LB137283
ICSAB	Aluminum	217000	247000	88	209000	285000	09/23/2025	14:43	LB137283
	Antimony	519	618	84	525	711	09/23/2025	14:43	LB137283
	Arsenic	180	104	173	88.4	120	09/23/2025	14:43	LB137283
	Barium	335	537	62	437	637	09/23/2025	14:43	LB137283
	Beryllium	437	495	88	420	570	09/23/2025	14:43	LB137283
	Cadmium	814	972	84	826	1120	09/23/2025	14:43	LB137283
	Chromium	476	542	88	460	624	09/23/2025	14:43	LB137283
	Cobalt	413	476	87	404	548	09/23/2025	14:43	LB137283
	Copper	442	511	86	434	588	09/23/2025	14:43	LB137283
	Iron	85700	99300	86	84400	114500	09/23/2025	14:43	LB137283
	Lead	47.2	49.0	96	37	61	09/23/2025	14:43	LB137283
	Manganese	442	507	87	430	584	09/23/2025	14:43	LB137283
	Molybdenum	867	1000	87	850	1150	09/23/2025	14:43	LB137283
	Nickel	819	954	86	810	1100	09/23/2025	14:43	LB137283
	Selenium	35.1	46.0	76	26	66	09/23/2025	14:43	LB137283
	Silver	201	201	100	170	232	09/23/2025	14:43	LB137283
	Thallium	82.7	108	77	68	148	09/23/2025	14:43	LB137283
	Vanadium	446	491	91	417	565	09/23/2025	14:43	LB137283
	Zinc	621	952	65	809	1095	09/23/2025	14:43	LB137283
ICSA01	Aluminum	247000	255000	97	216000	294000	09/24/2025	12:04	LB137295
	Antimony	-1.57			-50	50	09/24/2025	12:04	LB137295
	Arsenic	7.04			-20	20	09/24/2025	12:04	LB137295
	Barium	1.38	6.0	23	-94	106	09/24/2025	12:04	LB137295
	Beryllium	1.90			-6	6	09/24/2025	12:04	LB137295
	Boron	46.0	1000	5	-100	100	09/24/2025	12:04	LB137295
	Cadmium	1.05	1.0	105	-5	7	09/24/2025	12:04	LB137295
	Chromium	49.2	52.0	95	42	62	09/24/2025	12:04	LB137295

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Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Cobalt	1.52			-30	30	09/24/2025	12:04	LB137295
	Copper	15.3	2.0	765	-18	22	09/24/2025	12:04	LB137295
	Iron	103000	101000	102	85600	116500	09/24/2025	12:04	LB137295
	Lead	0.29			-12	12	09/24/2025	12:04	LB137295
	Manganese	7.06	7.0	101	-13	27	09/24/2025	12:04	LB137295
	Molybdenum	3.89	1000		-200	200	09/24/2025	12:04	LB137295
	Nickel	4.00	2.0	200	-38	42	09/24/2025	12:04	LB137295
	Selenium	5.58			-20	20	09/24/2025	12:04	LB137295
	Silver	3.73			-10	10	09/24/2025	12:04	LB137295
	Thallium	-0.065			-40	40	09/24/2025	12:04	LB137295
	Vanadium	6.87			-40	40	09/24/2025	12:04	LB137295
	Zinc	5.23			-40	40	09/24/2025	12:04	LB137295
ICSAB01	Aluminum	248000	247000	100	209000	285000	09/24/2025	12:08	LB137295
	Antimony	618	618	100	525	711	09/24/2025	12:08	LB137295
	Arsenic	109	104	105	88.4	120	09/24/2025	12:08	LB137295
	Barium	477	537	89	437	637	09/24/2025	12:08	LB137295
	Beryllium	483	495	98	420	570	09/24/2025	12:08	LB137295
	Boron	950	1000	95	850	1150	09/24/2025	12:08	LB137295
	Cadmium	959	972	99	826	1120	09/24/2025	12:08	LB137295
	Chromium	549	542	101	460	624	09/24/2025	12:08	LB137295
	Cobalt	482	476	101	404	548	09/24/2025	12:08	LB137295
	Copper	484	511	95	434	588	09/24/2025	12:08	LB137295
	Iron	103000	99300	104	84400	114500	09/24/2025	12:08	LB137295
	Lead	46.7	49.0	95	37	61	09/24/2025	12:08	LB137295
	Manganese	477	507	94	430	584	09/24/2025	12:08	LB137295
	Molybdenum	1010	1000	101	850	1150	09/24/2025	12:08	LB137295
	Nickel	961	954	101	810	1100	09/24/2025	12:08	LB137295
	Selenium	55.6	46.0	121	26	66	09/24/2025	12:08	LB137295
	Silver	214	201	106	170	232	09/24/2025	12:08	LB137295
	Thallium	87.8	108	81	68	148	09/24/2025	12:08	LB137295
	Vanadium	479	491	98	417	565	09/24/2025	12:08	LB137295
	Zinc	1040	952	109	809	1095	09/24/2025	12:08	LB137295
ICSA	Aluminum	244000	255000	96	216000	294000	09/24/2025	12:13	LB137295
	Antimony	-13.3			-50	50	09/24/2025	12:13	LB137295
	Arsenic	-32.0			-20	20	09/24/2025	12:13	LB137295
	Barium	-46.8	6.0	780	-94	106	09/24/2025	12:13	LB137295
	Beryllium	3.79			-6	6	09/24/2025	12:13	LB137295
	Boron	-100	1000	10	-100	100	09/24/2025	12:13	LB137295
	Cadmium	-6.18	1.0	618	-5	7	09/24/2025	12:13	LB137295
	Chromium	39.9	52.0	77	42	62	09/24/2025	12:13	LB137295
	Cobalt	-4.90			-30	30	09/24/2025	12:13	LB137295
	Copper	25.1	2.0	1255	-18	22	09/24/2025	12:13	LB137295

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Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA	Iron	96300	101000	95	85600	116500	09/24/2025	12:13	LB137295
	Lead	-24.4			-12	12	09/24/2025	12:13	LB137295
	Manganese	-17.4	7.0	249	-13	27	09/24/2025	12:13	LB137295
	Molybdenum	-4.02	1000		-200	200	09/24/2025	12:13	LB137295
	Nickel	3.29	2.0	164	-38	42	09/24/2025	12:13	LB137295
	Selenium	6.42			-20	20	09/24/2025	12:13	LB137295
	Silver	20.5			-10	10	09/24/2025	12:13	LB137295
	Thallium	11.6			-40	40	09/24/2025	12:13	LB137295
	Vanadium	60.9			-40	40	09/24/2025	12:13	LB137295
	Zinc	-7.36			-40	40	09/24/2025	12:13	LB137295
ICSAB	Aluminum	241000	247000	98	209000	285000	09/24/2025	12:17	LB137295
	Antimony	551	618	89	525	711	09/24/2025	12:17	LB137295
	Arsenic	88.6	104	85	88.4	120	09/24/2025	12:17	LB137295
	Barium	365	537	68	437	637	09/24/2025	12:17	LB137295
	Beryllium	483	495	98	420	570	09/24/2025	12:17	LB137295
	Boron	816	1000	82	850	1150	09/24/2025	12:17	LB137295
	Cadmium	913	972	94	826	1120	09/24/2025	12:17	LB137295
	Chromium	537	542	99	460	624	09/24/2025	12:17	LB137295
	Cobalt	453	476	95	404	548	09/24/2025	12:17	LB137295
	Copper	491	511	96	434	588	09/24/2025	12:17	LB137295
	Iron	97800	99300	98	84400	114500	09/24/2025	12:17	LB137295
	Lead	34.9	49.0	71	37	61	09/24/2025	12:17	LB137295
	Manganese	465	507	92	430	584	09/24/2025	12:17	LB137295
	Molybdenum	982	1000	98	850	1150	09/24/2025	12:17	LB137295
	Nickel	918	954	96	810	1100	09/24/2025	12:17	LB137295
	Selenium	70.4	46.0	153	26	66	09/24/2025	12:17	LB137295
	Silver	203	201	101	170	232	09/24/2025	12:17	LB137295
	Thallium	72.1	108	67	68	148	09/24/2025	12:17	LB137295
	Vanadium	494	491	101	417	565	09/24/2025	12:17	LB137295
	Zinc	976	952	102	809	1095	09/24/2025	12:17	LB137295