

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: ENTACT **SDG No.:** P4103
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4103 **SAS No.:** P4103
ICS Source: EPA **Instrument ID:** P4

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	244000	255000	96	216000	294000	09/23/2024	13:17	LB132557
	Antimony	-0.31			-50	50	09/23/2024	13:17	LB132557
	Arsenic	-9.99			-20	20	09/23/2024	13:17	LB132557
	Barium	3.73	6.0	62	-94	106	09/23/2024	13:17	LB132557
	Beryllium	2.04			-6	6	09/23/2024	13:17	LB132557
	Boron	-70.0	1000	7	-100	100	09/23/2024	13:17	LB132557
	Cadmium	1.99	1.0	199	-5	7	09/23/2024	13:17	LB132557
	Calcium	240000	245000	98	208000	282000	09/23/2024	13:17	LB132557
	Chromium	53.8	52.0	104	42	62	09/23/2024	13:17	LB132557
	Cobalt	1.81			-30	30	09/23/2024	13:17	LB132557
	Copper	-16.1	2.0	805	-18	22	09/23/2024	13:17	LB132557
	Iron	106000	101000	105	85600	116500	09/23/2024	13:17	LB132557
	Lead	6.84			-12	12	09/23/2024	13:17	LB132557
	Magnesium	242000	255000	95	216000	294000	09/23/2024	13:17	LB132557
	Manganese	1.84	7.0	26	-13	27	09/23/2024	13:17	LB132557
	Nickel	3.11	2.0	156	-38	42	09/23/2024	13:17	LB132557
	Potassium	-77.7			0	0	09/23/2024	13:17	LB132557
	Selenium	-10.8			-20	20	09/23/2024	13:17	LB132557
	Silver	-2.60			-10	10	09/23/2024	13:17	LB132557
	Sodium	-30.8			0	0	09/23/2024	13:17	LB132557
	Thallium	6.24			-40	40	09/23/2024	13:17	LB132557
	Tin	-3.79	1000		-40	40	09/23/2024	13:17	LB132557
	Vanadium	4.39			-40	40	09/23/2024	13:17	LB132557
	Zinc	-2.25			-40	40	09/23/2024	13:17	LB132557
ICSAB01	Aluminum	249000	247000	101	209000	285000	09/23/2024	13:22	LB132557
	Antimony	615	618	100	525	711	09/23/2024	13:22	LB132557
	Arsenic	93.0	104	89	88.4	120	09/23/2024	13:22	LB132557
	Barium	500	537	93	437	637	09/23/2024	13:22	LB132557
	Beryllium	520	495	105	420	570	09/23/2024	13:22	LB132557
	Boron	923	1000	92	850	1150	09/23/2024	13:22	LB132557
	Cadmium	919	972	94	826	1120	09/23/2024	13:22	LB132557
	Calcium	240000	235000	102	199000	271000	09/23/2024	13:22	LB132557
	Chromium	527	542	97	460	624	09/23/2024	13:22	LB132557
	Cobalt	498	476	105	404	548	09/23/2024	13:22	LB132557
	Copper	494	511	97	434	588	09/23/2024	13:22	LB132557
	Iron	92600	99300	93	84400	114500	09/23/2024	13:22	LB132557
	Lead	52.2	49.0	106	37	61	09/23/2024	13:22	LB132557
	Magnesium	246000	248000	99	210000	286000	09/23/2024	13:22	LB132557
	Manganese	489	507	96	430	584	09/23/2024	13:22	LB132557
	Nickel	983	954	103	810	1100	09/23/2024	13:22	LB132557
	Potassium	-108			0	0	09/23/2024	13:22	LB132557
	Selenium	35.7	46.0	78	26	66	09/23/2024	13:22	LB132557

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- 4 -
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ICS Source: EPA **Instrument ID:** P4

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
ICSAB01	Silver	212	201	106	170	232	09/23/2024	13:22	LB132557
	Sodium	-41.7			0	0	09/23/2024	13:22	LB132557
	Thallium	91.5	108	85	68	148	09/23/2024	13:22	LB132557
	Tin	858	1000	86	850	1150	09/23/2024	13:22	LB132557
	Vanadium	470	491	96	417	565	09/23/2024	13:22	LB132557
	Zinc	1060	952	111	809	1095	09/23/2024	13:22	LB132557
ICSA01	Aluminum	291000	255000	114	216000	294000	09/24/2024	14:04	LB132578
	Antimony	0.026			-50	50	09/24/2024	14:04	LB132578
	Arsenic	-15.4			-20	20	09/24/2024	14:04	LB132578
	Barium	5.16	6.0	86	-94	106	09/24/2024	14:04	LB132578
	Beryllium	4.72			-6	6	09/24/2024	14:04	LB132578
	Boron	-72.4	1000	7	-100	100	09/24/2024	14:04	LB132578
	Cadmium	5.48	1.0	548	-5	7	09/24/2024	14:04	LB132578
	Calcium	268000	245000	109	208000	282000	09/24/2024	14:04	LB132578
	Chromium	53.1	52.0	102	42	62	09/24/2024	14:04	LB132578
	Cobalt	2.26			-30	30	09/24/2024	14:04	LB132578
	Copper	4.10	2.0	205	-18	22	09/24/2024	14:04	LB132578
	Iron	96600	101000	96	85600	116500	09/24/2024	14:04	LB132578
	Lead	8.04			-12	12	09/24/2024	14:04	LB132578
	Magnesium	271000	255000	106	216000	294000	09/24/2024	14:04	LB132578
	Manganese	2.13	7.0	30	-13	27	09/24/2024	14:04	LB132578
	Nickel	3.21	2.0	160	-38	42	09/24/2024	14:04	LB132578
	Potassium	-49.5			0	0	09/24/2024	14:04	LB132578
	Selenium	-17.2			-20	20	09/24/2024	14:04	LB132578
	Silver	-8.22			-10	10	09/24/2024	14:04	LB132578
	Sodium	33.9			0	0	09/24/2024	14:04	LB132578
	Thallium	-3.03			-40	40	09/24/2024	14:04	LB132578
	Tin	-4.62	1000		-40	40	09/24/2024	14:04	LB132578
	Vanadium	8.48			-40	40	09/24/2024	14:04	LB132578
	Zinc	2.01			-40	40	09/24/2024	14:04	LB132578
ICSAB01	Aluminum	253000	247000	102	209000	285000	09/24/2024	14:14	LB132578
	Antimony	638	618	103	525	711	09/24/2024	14:14	LB132578
	Arsenic	106	104	102	88.4	120	09/24/2024	14:14	LB132578
	Barium	512	537	95	437	637	09/24/2024	14:14	LB132578
	Beryllium	489	495	99	420	570	09/24/2024	14:14	LB132578
	Boron	990	1000	99	850	1150	09/24/2024	14:14	LB132578
	Cadmium	992	972	102	826	1120	09/24/2024	14:14	LB132578
	Calcium	238000	235000	101	199000	271000	09/24/2024	14:14	LB132578
	Chromium	584	542	108	460	624	09/24/2024	14:14	LB132578
	Cobalt	529	476	111	404	548	09/24/2024	14:14	LB132578
	Copper	506	511	99	434	588	09/24/2024	14:14	LB132578
	Iron	106000	99300	107	84400	114500	09/24/2024	14:14	LB132578

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ICS Source: EPA **Instrument ID:** P4

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
ICSAB01	Lead	55.9	49.0	114	37	61	09/24/2024	14:14	LB132578
	Magnesium	256000	248000	103	210000	286000	09/24/2024	14:14	LB132578
	Manganese	490	507	97	430	584	09/24/2024	14:14	LB132578
	Nickel	1040	954	109	810	1100	09/24/2024	14:14	LB132578
	Potassium	-76.1			0	0	09/24/2024	14:14	LB132578
	Selenium	40.6	46.0	88	26	66	09/24/2024	14:14	LB132578
	Silver	226	201	112	170	232	09/24/2024	14:14	LB132578
	Sodium	-27.2			0	0	09/24/2024	14:14	LB132578
	Thallium	93.2	108	86	68	148	09/24/2024	14:14	LB132578
	Tin	1010	1000	101	850	1150	09/24/2024	14:14	LB132578
	Vanadium	490	491	100	417	565	09/24/2024	14:14	LB132578
	Zinc	888	952	93	809	1095	09/24/2024	14:14	LB132578