

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Chemtech Consulting Group **SDG No.:** Q1172
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** Q1172 **SAS No.:** Q1172
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	245000	255000	96	216000	294000	02/12/2025	13:21	LB134704
	Antimony	0.84			-50	50	02/12/2025	13:21	LB134704
	Arsenic	-4.34			-20	20	02/12/2025	13:21	LB134704
	Barium	6.69	6.0	112	-94	106	02/12/2025	13:21	LB134704
	Beryllium	2.82			-6	6	02/12/2025	13:21	LB134704
	Boron	-20.2	1000	2	-100	100	02/12/2025	13:21	LB134704
	Cadmium	-3.20	1.0	320	-5	7	02/12/2025	13:21	LB134704
	Calcium	234000	245000	96	208000	282000	02/12/2025	13:21	LB134704
	Chromium	59.1	52.0	114	42	62	02/12/2025	13:21	LB134704
	Copper	7.73	2.0	386	-18	22	02/12/2025	13:21	LB134704
	Iron	106000	101000	105	85600	116500	02/12/2025	13:21	LB134704
	Lead	7.88			-12	12	02/12/2025	13:21	LB134704
	Magnesium	252000	255000	99	216000	294000	02/12/2025	13:21	LB134704
	Manganese	-0.86	7.0	12	-13	27	02/12/2025	13:21	LB134704
	Molybdenum	-0.26	1000		-200	200	02/12/2025	13:21	LB134704
	Nickel	4.04	2.0	202	-38	42	02/12/2025	13:21	LB134704
	Potassium	10.9			0	0	02/12/2025	13:21	LB134704
	Selenium	-16.2			-20	20	02/12/2025	13:21	LB134704
	Silver	-5.31			-10	10	02/12/2025	13:21	LB134704
	Sodium	50.4			0	0	02/12/2025	13:21	LB134704
	Thallium	-0.098			-40	40	02/12/2025	13:21	LB134704
	Vanadium	7.52			-40	40	02/12/2025	13:21	LB134704
	Zinc	4.54			-40	40	02/12/2025	13:21	LB134704
ICSAB01	Aluminum	241000	247000	98	209000	285000	02/12/2025	13:25	LB134704
	Antimony	608	618	98	525	711	02/12/2025	13:25	LB134704
	Arsenic	106	104	102	88.4	120	02/12/2025	13:25	LB134704
	Barium	482	537	90	437	637	02/12/2025	13:25	LB134704
	Beryllium	468	495	94	420	570	02/12/2025	13:25	LB134704
	Boron	908	1000	91	850	1150	02/12/2025	13:25	LB134704
	Cadmium	1000	972	103	826	1120	02/12/2025	13:25	LB134704
	Calcium	231000	235000	98	199000	271000	02/12/2025	13:25	LB134704
	Chromium	571	542	105	460	624	02/12/2025	13:25	LB134704
	Copper	498	511	98	434	588	02/12/2025	13:25	LB134704
	Iron	105000	99300	106	84400	114500	02/12/2025	13:25	LB134704
	Lead	56.5	49.0	115	37	61	02/12/2025	13:25	LB134704
	Magnesium	248000	248000	100	210000	286000	02/12/2025	13:25	LB134704
	Manganese	468	507	92	430	584	02/12/2025	13:25	LB134704
	Molybdenum	1070	1000	107	850	1150	02/12/2025	13:25	LB134704
	Nickel	1010	954	106	810	1100	02/12/2025	13:25	LB134704
	Potassium	-9.51			0	0	02/12/2025	13:25	LB134704
	Selenium	33.8	46.0	74	26	66	02/12/2025	13:25	LB134704
	Silver	213	201	106	170	232	02/12/2025	13:25	LB134704

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Chemtech Consulting Group **SDG No.:** Q1172
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** Q1172 **SAS No.:** Q1172
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	Sodium	50.1			0	0	02/12/2025	13:25	LB134704
	Thallium	89.5	108	83	68	148	02/12/2025	13:25	LB134704
	Vanadium	468	491	95	417	565	02/12/2025	13:25	LB134704
	Zinc	1050	952	110	809	1095	02/12/2025	13:25	LB134704
ICSA	Aluminum	243000	255000	95	216000	294000	02/12/2025	13:31	LB134704
	Antimony	-10.3			-50	50	02/12/2025	13:31	LB134704
	Arsenic	-21.5			-20	20	02/12/2025	13:31	LB134704
	Barium	-24.4	6.0	407	-94	106	02/12/2025	13:31	LB134704
	Beryllium	4.88			-6	6	02/12/2025	13:31	LB134704
	Boron	-106	1000	11	-100	100	02/12/2025	13:31	LB134704
	Cadmium	-6.98	1.0	698	-5	7	02/12/2025	13:31	LB134704
	Calcium	244000	245000	100	208000	282000	02/12/2025	13:31	LB134704
	Chromium	60.1	52.0	116	42	62	02/12/2025	13:31	LB134704
	Copper	14.5	2.0	725	-18	22	02/12/2025	13:31	LB134704
	Iron	104000	101000	103	85600	116500	02/12/2025	13:31	LB134704
	Lead	-6.64			-12	12	02/12/2025	13:31	LB134704
	Magnesium	251000	255000	98	216000	294000	02/12/2025	13:31	LB134704
	Manganese	-3.88	7.0	55	-13	27	02/12/2025	13:31	LB134704
	Molybdenum	1.99	1000		-200	200	02/12/2025	13:31	LB134704
	Nickel	6.40	2.0	320	-38	42	02/12/2025	13:31	LB134704
	Potassium	262			0	0	02/12/2025	13:31	LB134704
	Selenium	-95.1			-20	20	02/12/2025	13:31	LB134704
	Silver	-6.74			-10	10	02/12/2025	13:31	LB134704
	Sodium	351			0	0	02/12/2025	13:31	LB134704
	Thallium	19.8			-40	40	02/12/2025	13:31	LB134704
	Vanadium	-34.9			-40	40	02/12/2025	13:31	LB134704
	Zinc	5.42			-40	40	02/12/2025	13:31	LB134704
ICSAB	Aluminum	241000	247000	98	209000	285000	02/12/2025	13:35	LB134704
	Antimony	577	618	93	525	711	02/12/2025	13:35	LB134704
	Arsenic	82.5	104	79	88.4	120	02/12/2025	13:35	LB134704
	Barium	539	537	100	437	637	02/12/2025	13:35	LB134704
	Beryllium	496	495	100	420	570	02/12/2025	13:35	LB134704
	Boron	861	1000	86	850	1150	02/12/2025	13:35	LB134704
	Cadmium	993	972	102	826	1120	02/12/2025	13:35	LB134704
	Calcium	244000	235000	104	199000	271000	02/12/2025	13:35	LB134704
	Chromium	577	542	106	460	624	02/12/2025	13:35	LB134704
	Copper	521	511	102	434	588	02/12/2025	13:35	LB134704
	Iron	106000	99300	107	84400	114500	02/12/2025	13:35	LB134704
	Lead	45.6	49.0	93	37	61	02/12/2025	13:35	LB134704
	Magnesium	250000	248000	101	210000	286000	02/12/2025	13:35	LB134704
	Manganese	500	507	99	430	584	02/12/2025	13:35	LB134704
	Molybdenum	1080	1000	108	850	1150	02/12/2025	13:35	LB134704

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Chemtech Consulting Group **SDG No.:** Q1172
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** Q1172 **SAS No.:** Q1172
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
ICSAB	Nickel	1010	954	106	810	1100	02/12/2025	13:35	LB134704
	Potassium	553			0	0	02/12/2025	13:35	LB134704
	Selenium	-16.8	46.0	36	26	66	02/12/2025	13:35	LB134704
	Silver	205	201	102	170	232	02/12/2025	13:35	LB134704
	Sodium	312			0	0	02/12/2025	13:35	LB134704
	Thallium	63.9	108	59	68	148	02/12/2025	13:35	LB134704
	Vanadium	481	491	98	417	565	02/12/2025	13:35	LB134704
	Zinc	1050	952	110	809	1095	02/12/2025	13:35	LB134704
ICSA01	Aluminum	235000	255000	92	216000	294000	02/18/2025	12:23	LB134743
	Antimony	-2.15			-50	50	02/18/2025	12:23	LB134743
	Arsenic	-0.10			-20	20	02/18/2025	12:23	LB134743
	Barium	0.70	6.0	12	-94	106	02/18/2025	12:23	LB134743
	Beryllium	1.24			-6	6	02/18/2025	12:23	LB134743
	Cadmium	-0.11	1.0	11	-5	7	02/18/2025	12:23	LB134743
	Calcium	221000	245000	90	208000	282000	02/18/2025	12:23	LB134743
	Chromium	56.4	52.0	108	42	62	02/18/2025	12:23	LB134743
	Copper	17.7	2.0	885	-18	22	02/18/2025	12:23	LB134743
	Iron	96200	101000	95	85600	116500	02/18/2025	12:23	LB134743
	Lead	6.91			-12	12	02/18/2025	12:23	LB134743
	Magnesium	241000	255000	94	216000	294000	02/18/2025	12:23	LB134743
	Manganese	3.91	7.0	56	-13	27	02/18/2025	12:23	LB134743
	Nickel	2.40	2.0	120	-38	42	02/18/2025	12:23	LB134743
	Potassium	71.7			0	0	02/18/2025	12:23	LB134743
	Selenium	-16.8			-20	20	02/18/2025	12:23	LB134743
	Silver	-1.82			-10	10	02/18/2025	12:23	LB134743
	Sodium	45.8			0	0	02/18/2025	12:23	LB134743
	Thallium	5.85			-40	40	02/18/2025	12:23	LB134743
	Vanadium	6.77			-40	40	02/18/2025	12:23	LB134743
	Zinc	3.88			-40	40	02/18/2025	12:23	LB134743
ICSAB01	Aluminum	243000	247000	98	209000	285000	02/18/2025	12:29	LB134743
	Antimony	619	618	100	525	711	02/18/2025	12:29	LB134743
	Arsenic	119	104	114	88.4	120	02/18/2025	12:29	LB134743
	Barium	452	537	84	437	637	02/18/2025	12:29	LB134743
	Beryllium	476	495	96	420	570	02/18/2025	12:29	LB134743
	Cadmium	1010	972	104	826	1120	02/18/2025	12:29	LB134743
	Calcium	227000	235000	97	199000	271000	02/18/2025	12:29	LB134743
	Chromium	566	542	104	460	624	02/18/2025	12:29	LB134743
	Copper	505	511	99	434	588	02/18/2025	12:29	LB134743
	Iron	101000	99300	102	84400	114500	02/18/2025	12:29	LB134743
	Lead	55.8	49.0	114	37	61	02/18/2025	12:29	LB134743
	Magnesium	247000	248000	100	210000	286000	02/18/2025	12:29	LB134743
	Manganese	455	507	90	430	584	02/18/2025	12:29	LB134743

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Chemtech Consulting Group **SDG No.:** Q1172
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** Q1172 **SAS No.:** Q1172
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	Nickel	1000	954	105	810	1100	02/18/2025	12:29	LB134743
	Potassium	61.5			0	0	02/18/2025	12:29	LB134743
	Selenium	33.0	46.0	72	26	66	02/18/2025	12:29	LB134743
	Silver	217	201	108	170	232	02/18/2025	12:29	LB134743
	Sodium	49.1			0	0	02/18/2025	12:29	LB134743
	Thallium	93.5	108	87	68	148	02/18/2025	12:29	LB134743
	Vanadium	455	491	93	417	565	02/18/2025	12:29	LB134743
	Zinc	1040	952	109	809	1095	02/18/2025	12:29	LB134743
ICSA	Aluminum	236000	255000	92	216000	294000	02/18/2025	12:33	LB134743
	Antimony	-1.58			-50	50	02/18/2025	12:33	LB134743
	Arsenic	23.0			-20	20	02/18/2025	12:33	LB134743
	Barium	-24.9	6.0	415	-94	106	02/18/2025	12:33	LB134743
	Beryllium	1.84			-6	6	02/18/2025	12:33	LB134743
	Cadmium	-0.94	1.0	94	-5	7	02/18/2025	12:33	LB134743
	Calcium	233000	245000	95	208000	282000	02/18/2025	12:33	LB134743
	Chromium	59.3	52.0	114	42	62	02/18/2025	12:33	LB134743
	Copper	23.3	2.0	1165	-18	22	02/18/2025	12:33	LB134743
	Iron	100000	101000	99	85600	116500	02/18/2025	12:33	LB134743
	Lead	10.9			-12	12	02/18/2025	12:33	LB134743
	Magnesium	238000	255000	93	216000	294000	02/18/2025	12:33	LB134743
	Manganese	0.72	7.0	10	-13	27	02/18/2025	12:33	LB134743
	Nickel	5.41	2.0	270	-38	42	02/18/2025	12:33	LB134743
	Potassium	751			0	0	02/18/2025	12:33	LB134743
	Selenium	-35.7			-20	20	02/18/2025	12:33	LB134743
	Silver	-2.58			-10	10	02/18/2025	12:33	LB134743
	Sodium	385			0	0	02/18/2025	12:33	LB134743
	Thallium	-68.8			-40	40	02/18/2025	12:33	LB134743
	Vanadium	9.57			-40	40	02/18/2025	12:33	LB134743
	Zinc	-10.8			-40	40	02/18/2025	12:33	LB134743
ICSAB	Aluminum	234000	247000	95	209000	285000	02/18/2025	12:37	LB134743
	Antimony	711	618	115	525	711	02/18/2025	12:37	LB134743
	Arsenic	147	104	141	88.4	120	02/18/2025	12:37	LB134743
	Barium	516	537	96	437	637	02/18/2025	12:37	LB134743
	Beryllium	620	495	125	420	570	02/18/2025	12:37	LB134743
	Cadmium	1220	972	126	826	1120	02/18/2025	12:37	LB134743
	Calcium	232000	235000	99	199000	271000	02/18/2025	12:37	LB134743
	Chromium	701	542	129	460	624	02/18/2025	12:37	LB134743
	Copper	647	511	127	434	588	02/18/2025	12:37	LB134743
	Iron	97000	99300	98	84400	114500	02/18/2025	12:37	LB134743
	Lead	69.5	49.0	142	37	61	02/18/2025	12:37	LB134743
	Magnesium	237000	248000	96	210000	286000	02/18/2025	12:37	LB134743
	Manganese	598	507	118	430	584	02/18/2025	12:37	LB134743

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Chemtech Consulting Group **SDG No.:** Q1172
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** Q1172 **SAS No.:** Q1172
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
ICSAB	Nickel	1230	954	129	810	1100	02/18/2025	12:37	LB134743
	Potassium	212			0	0	02/18/2025	12:37	LB134743
	Selenium	68.9	46.0	150	26	66	02/18/2025	12:37	LB134743
	Silver	254	201	126	170	232	02/18/2025	12:37	LB134743
	Sodium	321			0	0	02/18/2025	12:37	LB134743
	Thallium	76.1	108	70	68	148	02/18/2025	12:37	LB134743
	Vanadium	583	491	119	417	565	02/18/2025	12:37	LB134743
	Zinc	1250	952	131	809	1095	02/18/2025	12:37	LB134743