

Metals
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INTERFERENCE CHECK SAMPLE

Client:	<u>Chemtech Consulting Group</u>	SDG No.:	<u>P3846</u>
Contract:	<u>CHEM02</u>	Lab Code:	<u>CHEM</u>
ICS Source:	<u>EPA</u>	Case No.:	<u>P3846</u>
		SAS No.:	<u>P3846</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	246000	255000	96	216000	294000	10/17/2024	13:25	LB132991
	Antimony	0.063			-50	50	10/17/2024	13:25	LB132991
	Arsenic	-0.86			-20	20	10/17/2024	13:25	LB132991
	Barium	4.99	6.0	83	-94	106	10/17/2024	13:25	LB132991
	Beryllium	1.14			-6	6	10/17/2024	13:25	LB132991
	Boron	68.7	1000	7	-100	100	10/17/2024	13:25	LB132991
	Cadmium	0.88	1.0	88	-5	7	10/17/2024	13:25	LB132991
	Calcium	232000	245000	95	208000	282000	10/17/2024	13:25	LB132991
	Chromium	56.9	52.0	109	42	62	10/17/2024	13:25	LB132991
	Cobalt	2.05			-30	30	10/17/2024	13:25	LB132991
	Copper	-1.13	2.0	56	-18	22	10/17/2024	13:25	LB132991
	Iron	101000	101000	100	85600	116500	10/17/2024	13:25	LB132991
	Lead	7.12			-12	12	10/17/2024	13:25	LB132991
	Magnesium	253000	255000	99	216000	294000	10/17/2024	13:25	LB132991
	Manganese	5.58	7.0	80	-13	27	10/17/2024	13:25	LB132991
	Molybdenum	0.67	1000		-200	200	10/17/2024	13:25	LB132991
	Nickel	2.73	2.0	136	-38	42	10/17/2024	13:25	LB132991
	Potassium	-24.7			0	0	10/17/2024	13:25	LB132991
	Selenium	-11.1			-20	20	10/17/2024	13:25	LB132991
	Silicon	12.9			0	0	10/17/2024	13:25	LB132991
	Silver	-8.01			-10	10	10/17/2024	13:25	LB132991
	Sodium	20.3			0	0	10/17/2024	13:25	LB132991
	Strontium	-0.40			0	0	10/17/2024	13:25	LB132991
	Thallium	17.6			-40	40	10/17/2024	13:25	LB132991
	Tin	-4.21	1000		-40	40	10/17/2024	13:25	LB132991
	Titanium	-2.26			0	0	10/17/2024	13:25	LB132991
	Vanadium	6.80			-40	40	10/17/2024	13:25	LB132991
	Zinc	5.25			-40	40	10/17/2024	13:25	LB132991
ICSAB01	Aluminum	250000	247000	101	209000	285000	10/17/2024	14:01	LB132991
	Antimony	629	618	102	525	711	10/17/2024	14:01	LB132991
	Arsenic	113	104	109	88.4	120	10/17/2024	14:01	LB132991
	Barium	512	537	95	437	637	10/17/2024	14:01	LB132991
	Beryllium	504	495	102	420	570	10/17/2024	14:01	LB132991
	Boron	959	1000	96	850	1150	10/17/2024	14:01	LB132991
	Cadmium	1040	972	107	826	1120	10/17/2024	14:01	LB132991
	Calcium	236000	235000	100	199000	271000	10/17/2024	14:01	LB132991
	Chromium	568	542	105	460	624	10/17/2024	14:01	LB132991
	Cobalt	519	476	109	404	548	10/17/2024	14:01	LB132991
	Copper	490	511	96	434	588	10/17/2024	14:01	LB132991
	Iron	99600	99300	100	84400	114500	10/17/2024	14:01	LB132991
	Lead	58.7	49.0	120	37	61	10/17/2024	14:01	LB132991
	Magnesium	255000	248000	103	210000	286000	10/17/2024	14:01	LB132991

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INTERFERENCE CHECK SAMPLE

Client: Chemtech Consulting Group **SDG No.:** P3846
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846
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	Manganese	494	507	97	430	584	10/17/2024	14:01	LB132991
	Molybdenum	1010	1000	101	850	1150	10/17/2024	14:01	LB132991
	Nickel	1020	954	107	810	1100	10/17/2024	14:01	LB132991
	Potassium	-49.3			0	0	10/17/2024	14:01	LB132991
	Selenium	33.5	46.0	73	26	66	10/17/2024	14:01	LB132991
	Silicon	930			0	0	10/17/2024	14:01	LB132991
	Silver	206	201	102	170	232	10/17/2024	14:01	LB132991
	Sodium	38.7			0	0	10/17/2024	14:01	LB132991
	Strontium	999			0	0	10/17/2024	14:01	LB132991
	Thallium	111	108	103	68	148	10/17/2024	14:01	LB132991
	Tin	1010	1000	101	850	1150	10/17/2024	14:01	LB132991
	Titanium	970			0	0	10/17/2024	14:01	LB132991
	Vanadium	482	491	98	417	565	10/17/2024	14:01	LB132991
	Zinc	1080	952	113	809	1095	10/17/2024	14:01	LB132991
ICSA	Aluminum	246000	255000	96	216000	294000	10/17/2024	14:05	LB132991
	Antimony	-1.08			-50	50	10/17/2024	14:05	LB132991
	Arsenic	-47.2			-20	20	10/17/2024	14:05	LB132991
	Barium	-4.20	6.0	70	-94	106	10/17/2024	14:05	LB132991
	Beryllium	2.49			-6	6	10/17/2024	14:05	LB132991
	Boron	-38.9	1000	4	-100	100	10/17/2024	14:05	LB132991
	Cadmium	16.8	1.0	1680	-5	7	10/17/2024	14:05	LB132991
	Calcium	242000	245000	99	208000	282000	10/17/2024	14:05	LB132991
	Chromium	51.0	52.0	98	42	62	10/17/2024	14:05	LB132991
	Cobalt	9.25			-30	30	10/17/2024	14:05	LB132991
	Copper	61.6	2.0	3080	-18	22	10/17/2024	14:05	LB132991
	Iron	102000	101000	101	85600	116500	10/17/2024	14:05	LB132991
	Lead	2.90			-12	12	10/17/2024	14:05	LB132991
	Magnesium	246000	255000	96	216000	294000	10/17/2024	14:05	LB132991
	Manganese	5.02	7.0	72	-13	27	10/17/2024	14:05	LB132991
	Molybdenum	10.1	1000	1	-200	200	10/17/2024	14:05	LB132991
	Nickel	31.0	2.0	1550	-38	42	10/17/2024	14:05	LB132991
	Potassium	-397			0	0	10/17/2024	14:05	LB132991
	Selenium	-20.7			-20	20	10/17/2024	14:05	LB132991
	Silicon	-137			0	0	10/17/2024	14:05	LB132991
	Silver	1.76			-10	10	10/17/2024	14:05	LB132991
	Sodium	295			0	0	10/17/2024	14:05	LB132991
	Strontium	4.15			0	0	10/17/2024	14:05	LB132991
	Thallium	43.9			-40	40	10/17/2024	14:05	LB132991
	Tin	-54.6	1000	6	-40	40	10/17/2024	14:05	LB132991
	Titanium	-4.52			0	0	10/17/2024	14:05	LB132991
	Vanadium	3.72			-40	40	10/17/2024	14:05	LB132991
	Zinc	30.3			-40	40	10/17/2024	14:05	LB132991

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Client: Chemtech Consulting Group **SDG No.:** P3846
Contract: CHEM02 **Lab Code:** CHEM **Case No.:** P3846 **SAS No.:** P3846
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	Aluminum	246000	247000	100	209000	285000	10/17/2024	14:10	LB132991
	Antimony	639	618	103	525	711	10/17/2024	14:10	LB132991
	Arsenic	116	104	112	88.4	120	10/17/2024	14:10	LB132991
	Barium	498	537	93	437	637	10/17/2024	14:10	LB132991
	Beryllium	507	495	102	420	570	10/17/2024	14:10	LB132991
	Boron	901	1000	90	850	1150	10/17/2024	14:10	LB132991
	Cadmium	1050	972	108	826	1120	10/17/2024	14:10	LB132991
	Calcium	242000	235000	103	199000	271000	10/17/2024	14:10	LB132991
	Chromium	592	542	109	460	624	10/17/2024	14:10	LB132991
	Cobalt	517	476	109	404	548	10/17/2024	14:10	LB132991
	Copper	545	511	107	434	588	10/17/2024	14:10	LB132991
	Iron	102000	99300	103	84400	114500	10/17/2024	14:10	LB132991
	Lead	73.4	49.0	150	37	61	10/17/2024	14:10	LB132991
	Magnesium	246000	248000	99	210000	286000	10/17/2024	14:10	LB132991
	Manganese	507	507	100	430	584	10/17/2024	14:10	LB132991
	Molybdenum	1060	1000	106	850	1150	10/17/2024	14:10	LB132991
	Nickel	1040	954	109	810	1100	10/17/2024	14:10	LB132991
	Potassium	66.5			0	0	10/17/2024	14:10	LB132991
	Selenium	68.6	46.0	149	26	66	10/17/2024	14:10	LB132991
	Silicon	826			0	0	10/17/2024	14:10	LB132991
	Silver	201	201	100	170	232	10/17/2024	14:10	LB132991
	Sodium	239			0	0	10/17/2024	14:10	LB132991
	Strontium	1000			0	0	10/17/2024	14:10	LB132991
	Thallium	121	108	112	68	148	10/17/2024	14:10	LB132991
	Tin	943	1000	94	850	1150	10/17/2024	14:10	LB132991
	Titanium	967			0	0	10/17/2024	14:10	LB132991
	Vanadium	516	491	105	417	565	10/17/2024	14:10	LB132991
	Zinc	1100	952	116	809	1095	10/17/2024	14:10	LB132991
ICSA01	Aluminum	237000	255000	93	216000	294000	10/18/2024	13:32	LB133014
	Antimony	-1.32			-50	50	10/18/2024	13:32	LB133014
	Arsenic	-4.50			-20	20	10/18/2024	13:32	LB133014
	Barium	2.49	6.0	42	-94	106	10/18/2024	13:32	LB133014
	Beryllium	1.11			-6	6	10/18/2024	13:32	LB133014
	Cadmium	6.89	1.0	689	-5	7	10/18/2024	13:32	LB133014
	Calcium	226000	245000	92	208000	282000	10/18/2024	13:32	LB133014
	Chromium	55.6	52.0	107	42	62	10/18/2024	13:32	LB133014
	Cobalt	1.25			-30	30	10/18/2024	13:32	LB133014
	Copper	-8.46	2.0	423	-18	22	10/18/2024	13:32	LB133014
	Iron	98700	101000	98	85600	116500	10/18/2024	13:32	LB133014
	Lead	6.37			-12	12	10/18/2024	13:32	LB133014
	Magnesium	246000	255000	96	216000	294000	10/18/2024	13:32	LB133014
	Manganese	5.78	7.0	83	-13	27	10/18/2024	13:32	LB133014

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Client:	Chemtech Consulting Group	SDG No.:	P3846
Contract:	CHEM02	Lab Code:	CHEM
ICS Source:	EPA	Case No.:	P3846
		SAS No.:	P3846
		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	Nickel	2.27	2.0	114	-38	42	10/18/2024	13:32	LB133014
	Potassium	-34.9			0	0	10/18/2024	13:32	LB133014
	Selenium	-14.0			-20	20	10/18/2024	13:32	LB133014
	Silver	3.92			-10	10	10/18/2024	13:32	LB133014
	Sodium	20.9			0	0	10/18/2024	13:32	LB133014
	Thallium	5.51			-40	40	10/18/2024	13:32	LB133014
	Vanadium	5.78			-40	40	10/18/2024	13:32	LB133014
	Zinc	3.80			-40	40	10/18/2024	13:32	LB133014
ICSAB01	Aluminum	240000	247000	97	209000	285000	10/18/2024	13:56	LB133014
	Antimony	622	618	101	525	711	10/18/2024	13:56	LB133014
	Arsenic	107	104	103	88.4	120	10/18/2024	13:56	LB133014
	Barium	482	537	90	437	637	10/18/2024	13:56	LB133014
	Beryllium	490	495	99	420	570	10/18/2024	13:56	LB133014
	Cadmium	1010	972	104	826	1120	10/18/2024	13:56	LB133014
	Calcium	229000	235000	97	199000	271000	10/18/2024	13:56	LB133014
	Chromium	573	542	106	460	624	10/18/2024	13:56	LB133014
	Cobalt	516	476	108	404	548	10/18/2024	13:56	LB133014
	Copper	484	511	95	434	588	10/18/2024	13:56	LB133014
	Iron	101000	99300	102	84400	114500	10/18/2024	13:56	LB133014
	Lead	55.1	49.0	112	37	61	10/18/2024	13:56	LB133014
	Magnesium	250000	248000	101	210000	286000	10/18/2024	13:56	LB133014
	Manganese	481	507	95	430	584	10/18/2024	13:56	LB133014
	Nickel	1020	954	107	810	1100	10/18/2024	13:56	LB133014
	Potassium	-21.9			0	0	10/18/2024	13:56	LB133014
	Selenium	37.2	46.0	81	26	66	10/18/2024	13:56	LB133014
	Silver	229	201	114	170	232	10/18/2024	13:56	LB133014
	Sodium	29.5			0	0	10/18/2024	13:56	LB133014
	Thallium	97.0	108	90	68	148	10/18/2024	13:56	LB133014
	Vanadium	472	491	96	417	565	10/18/2024	13:56	LB133014
	Zinc	1080	952	113	809	1095	10/18/2024	13:56	LB133014