

Metals
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INTERFERENCE CHECK SAMPLE

Client:	R3M Engineering, Inc.	SDG No.:	P5093
Contract:	RTHR01	Lab Code:	CHEM
ICS Source:	EPA	Case No.:	P5093
		SAS No.:	P5093
		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	264000	255000	104	216000	294000	12/10/2024	11:36	LB133866
	Antimony	-1.71			-50	50	12/10/2024	11:36	LB133866
	Arsenic	6.70			-20	20	12/10/2024	11:36	LB133866
	Barium	1.49	6.0	25	-94	106	12/10/2024	11:36	LB133866
	Beryllium	1.30			-6	6	12/10/2024	11:36	LB133866
	Cadmium	3.45	1.0	345	-5	7	12/10/2024	11:36	LB133866
	Calcium	244000	245000	100	208000	282000	12/10/2024	11:36	LB133866
	Chromium	56.5	52.0	109	42	62	12/10/2024	11:36	LB133866
	Cobalt	2.38			-30	30	12/10/2024	11:36	LB133866
	Copper	5.99	2.0	300	-18	22	12/10/2024	11:36	LB133866
	Iron	98600	101000	98	85600	116500	12/10/2024	11:36	LB133866
	Lead	10.4			-12	12	12/10/2024	11:36	LB133866
	Magnesium	270000	255000	106	216000	294000	12/10/2024	11:36	LB133866
	Manganese	4.28	7.0	61	-13	27	12/10/2024	11:36	LB133866
	Nickel	31.3	2.0	1565	-38	42	12/10/2024	11:36	LB133866
	Potassium	20.5			0	0	12/10/2024	11:36	LB133866
	Selenium	-15.0			-20	20	12/10/2024	11:36	LB133866
	Silver	-2.00			-10	10	12/10/2024	11:36	LB133866
	Sodium	51.5			0	0	12/10/2024	11:36	LB133866
	Thallium	12.5			-40	40	12/10/2024	11:36	LB133866
	Vanadium	7.63			-40	40	12/10/2024	11:36	LB133866
	Zinc	-6.01			-40	40	12/10/2024	11:36	LB133866
ICSAB01	Aluminum	250000	247000	101	209000	285000	12/10/2024	11:40	LB133866
	Antimony	594	618	96	525	711	12/10/2024	11:40	LB133866
	Arsenic	105	104	101	88.4	120	12/10/2024	11:40	LB133866
	Barium	483	537	90	437	637	12/10/2024	11:40	LB133866
	Beryllium	477	495	96	420	570	12/10/2024	11:40	LB133866
	Cadmium	952	972	98	826	1120	12/10/2024	11:40	LB133866
	Calcium	228000	235000	97	199000	271000	12/10/2024	11:40	LB133866
	Chromium	539	542	99	460	624	12/10/2024	11:40	LB133866
	Cobalt	482	476	101	404	548	12/10/2024	11:40	LB133866
	Copper	470	511	92	434	588	12/10/2024	11:40	LB133866
	Iron	93600	99300	94	84400	114500	12/10/2024	11:40	LB133866
	Lead	59.2	49.0	121	37	61	12/10/2024	11:40	LB133866
	Magnesium	252000	248000	102	210000	286000	12/10/2024	11:40	LB133866
	Manganese	465	507	92	430	584	12/10/2024	11:40	LB133866
	Nickel	974	954	102	810	1100	12/10/2024	11:40	LB133866
	Potassium	-26.9			0	0	12/10/2024	11:40	LB133866
	Selenium	35.4	46.0	77	26	66	12/10/2024	11:40	LB133866
	Silver	190	201	94	170	232	12/10/2024	11:40	LB133866
	Sodium	6.26			0	0	12/10/2024	11:40	LB133866
	Thallium	97.1	108	90	68	148	12/10/2024	11:40	LB133866

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Client: R3M Engineering, Inc. **SDG No.:** P5093
Contract: RTHR01 **Lab Code:** CHEM **Case No.:** P5093 **SAS No.:** P5093
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	Vanadium	478	491	97	417	565	12/10/2024	11:40	LB133866
	Zinc	911	952	96	809	1095	12/10/2024	11:40	LB133866