

Metals
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INTERFERENCE CHECK SAMPLE

Client: New York City DEP of Environmental Protection/B **SDG No.:** P5018
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5018 **SAS No.:** P5018
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	267000	255000	105	216000	294000	12/06/2024	12:50	LB133790
	Antimony	-2.00			-50	50	12/06/2024	12:50	LB133790
	Arsenic	6.39			-20	20	12/06/2024	12:50	LB133790
	Barium	1.82	6.0	30	-94	106	12/06/2024	12:50	LB133790
	Beryllium	1.48			-6	6	12/06/2024	12:50	LB133790
	Cadmium	4.33	1.0	433	-5	7	12/06/2024	12:50	LB133790
	Calcium	250000	245000	102	208000	282000	12/06/2024	12:50	LB133790
	Chromium	58.3	52.0	112	42	62	12/06/2024	12:50	LB133790
	Cobalt	2.43			-30	30	12/06/2024	12:50	LB133790
	Copper	-0.59	2.0	30	-18	22	12/06/2024	12:50	LB133790
	Iron	101000	101000	100	85600	116500	12/06/2024	12:50	LB133790
	Lead	11.9			-12	12	12/06/2024	12:50	LB133790
	Magnesium	273000	255000	107	216000	294000	12/06/2024	12:50	LB133790
	Manganese	4.87	7.0	70	-13	27	12/06/2024	12:50	LB133790
	Nickel	32.9	2.0	1645	-38	42	12/06/2024	12:50	LB133790
	Potassium	14.1			0	0	12/06/2024	12:50	LB133790
	Selenium	-18.6			-20	20	12/06/2024	12:50	LB133790
	Silver	-1.23			-10	10	12/06/2024	12:50	LB133790
	Sodium	120			0	0	12/06/2024	12:50	LB133790
	Thallium	-2.74			-40	40	12/06/2024	12:50	LB133790
	Vanadium	8.34			-40	40	12/06/2024	12:50	LB133790
	Zinc	-6.25			-40	40	12/06/2024	12:50	LB133790
ICSAB01	Aluminum	264000	247000	107	209000	285000	12/06/2024	12:55	LB133790
	Antimony	608	618	98	525	711	12/06/2024	12:55	LB133790
	Arsenic	106	104	102	88.4	120	12/06/2024	12:55	LB133790
	Barium	501	537	93	437	637	12/06/2024	12:55	LB133790
	Beryllium	507	495	102	420	570	12/06/2024	12:55	LB133790
	Cadmium	1010	972	104	826	1120	12/06/2024	12:55	LB133790
	Calcium	246000	235000	105	199000	271000	12/06/2024	12:55	LB133790
	Chromium	561	542	104	460	624	12/06/2024	12:55	LB133790
	Cobalt	508	476	107	404	548	12/06/2024	12:55	LB133790
	Copper	486	511	95	434	588	12/06/2024	12:55	LB133790
	Iron	99200	99300	100	84400	114500	12/06/2024	12:55	LB133790
	Lead	60.5	49.0	124	37	61	12/06/2024	12:55	LB133790
	Magnesium	268000	248000	108	210000	286000	12/06/2024	12:55	LB133790
	Manganese	495	507	98	430	584	12/06/2024	12:55	LB133790
	Nickel	1030	954	108	810	1100	12/06/2024	12:55	LB133790
	Potassium	-35.5			0	0	12/06/2024	12:55	LB133790
	Selenium	33.1	46.0	72	26	66	12/06/2024	12:55	LB133790
	Silver	196	201	98	170	232	12/06/2024	12:55	LB133790
	Sodium	104			0	0	12/06/2024	12:55	LB133790
	Thallium	81.4	108	75	68	148	12/06/2024	12:55	LB133790

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INTERFERENCE CHECK SAMPLE

Client: New York City DEP of Environmental Protection/B **SDG No.:** P5018
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5018 **SAS No.:** P5018
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	501	491	102	417	565	12/06/2024	12:55	LB133790
	Zinc	942	952	99	809	1095	12/06/2024	12:55	LB133790
ICSA	Aluminum	249000	255000	98	216000	294000	12/06/2024	13:00	LB133790
	Antimony	-7.98			-50	50	12/06/2024	13:00	LB133790
	Arsenic	-32.4			-20	20	12/06/2024	13:00	LB133790
	Barium	-61.5	6.0	1025	-94	106	12/06/2024	13:00	LB133790
	Beryllium	3.42			-6	6	12/06/2024	13:00	LB133790
	Cadmium	2.74	1.0	274	-5	7	12/06/2024	13:00	LB133790
	Calcium	246000	245000	100	208000	282000	12/06/2024	13:00	LB133790
	Chromium	58.9	52.0	113	42	62	12/06/2024	13:00	LB133790
	Cobalt	3.44			-30	30	12/06/2024	13:00	LB133790
	Copper	0.47	2.0	23	-18	22	12/06/2024	13:00	LB133790
	Iron	96500	101000	96	85600	116500	12/06/2024	13:00	LB133790
	Lead	-15.2			-12	12	12/06/2024	13:00	LB133790
	Magnesium	252000	255000	99	216000	294000	12/06/2024	13:00	LB133790
	Manganese	2.53	7.0	36	-13	27	12/06/2024	13:00	LB133790
	Nickel	31.5	2.0	1575	-38	42	12/06/2024	13:00	LB133790
	Potassium	-1660			0	0	12/06/2024	13:00	LB133790
	Selenium	-11.4			-20	20	12/06/2024	13:00	LB133790
	Silver	9.42			-10	10	12/06/2024	13:00	LB133790
	Sodium	475			0	0	12/06/2024	13:00	LB133790
	Thallium	-11.5			-40	40	12/06/2024	13:00	LB133790
	Vanadium	3.28			-40	40	12/06/2024	13:00	LB133790
	Zinc	132			-40	40	12/06/2024	13:00	LB133790
ICSAB	Aluminum	254000	247000	103	209000	285000	12/06/2024	13:04	LB133790
	Antimony	579	618	94	525	711	12/06/2024	13:04	LB133790
	Arsenic	107	104	103	88.4	120	12/06/2024	13:04	LB133790
	Barium	440	537	82	437	637	12/06/2024	13:04	LB133790
	Beryllium	526	495	106	420	570	12/06/2024	13:04	LB133790
	Cadmium	1010	972	104	826	1120	12/06/2024	13:04	LB133790
	Calcium	250000	235000	106	199000	271000	12/06/2024	13:04	LB133790
	Chromium	585	542	108	460	624	12/06/2024	13:04	LB133790
	Cobalt	504	476	106	404	548	12/06/2024	13:04	LB133790
	Copper	522	511	102	434	588	12/06/2024	13:04	LB133790
	Iron	97400	99300	98	84400	114500	12/06/2024	13:04	LB133790
	Lead	50.0	49.0	102	37	61	12/06/2024	13:04	LB133790
	Magnesium	257000	248000	104	210000	286000	12/06/2024	13:04	LB133790
	Manganese	511	507	101	430	584	12/06/2024	13:04	LB133790
	Nickel	1050	954	110	810	1100	12/06/2024	13:04	LB133790
	Potassium	-1380			0	0	12/06/2024	13:04	LB133790
	Selenium	59.2	46.0	129	26	66	12/06/2024	13:04	LB133790
	Silver	193	201	96	170	232	12/06/2024	13:04	LB133790

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Client: New York City DEP of Environmental Protection/B **SDG No.:** P5018
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5018 **SAS No.:** P5018
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	Sodium	520			0	0	12/06/2024	13:04	LB133790
	Thallium	80.1	108	74	68	148	12/06/2024	13:04	LB133790
	Vanadium	512	491	104	417	565	12/06/2024	13:04	LB133790
	Zinc	1200	952	126	809	1095	12/06/2024	13:04	LB133790
ICSA01	Aluminum	256000	255000	100	216000	294000	12/09/2024	12:08	LB133834
	Antimony	-0.86			-50	50	12/09/2024	12:08	LB133834
	Arsenic	3.35			-20	20	12/09/2024	12:08	LB133834
	Barium	5.62	6.0	94	-94	106	12/09/2024	12:08	LB133834
	Beryllium	1.49			-6	6	12/09/2024	12:08	LB133834
	Cadmium	3.33	1.0	333	-5	7	12/09/2024	12:08	LB133834
	Calcium	243000	245000	99	208000	282000	12/09/2024	12:08	LB133834
	Chromium	56.5	52.0	109	42	62	12/09/2024	12:08	LB133834
	Cobalt	2.04			-30	30	12/09/2024	12:08	LB133834
	Copper	18.7	2.0	935	-18	22	12/09/2024	12:08	LB133834
	Iron	95800	101000	95	85600	116500	12/09/2024	12:08	LB133834
	Lead	11.9			-12	12	12/09/2024	12:08	LB133834
	Magnesium	265000	255000	104	216000	294000	12/09/2024	12:08	LB133834
	Manganese	4.34	7.0	62	-13	27	12/09/2024	12:08	LB133834
	Nickel	31.5	2.0	1575	-38	42	12/09/2024	12:08	LB133834
	Potassium	18.3			0	0	12/09/2024	12:08	LB133834
	Selenium	-19.6			-20	20	12/09/2024	12:08	LB133834
	Silver	-4.87			-10	10	12/09/2024	12:08	LB133834
	Sodium	54.5			0	0	12/09/2024	12:08	LB133834
	Thallium	-3.39			-40	40	12/09/2024	12:08	LB133834
	Vanadium	9.50			-40	40	12/09/2024	12:08	LB133834
	Zinc	31.5			-40	40	12/09/2024	12:08	LB133834
ICSAB01	Aluminum	253000	247000	102	209000	285000	12/09/2024	12:17	LB133834
	Antimony	622	618	101	525	711	12/09/2024	12:17	LB133834
	Arsenic	105	104	101	88.4	120	12/09/2024	12:17	LB133834
	Barium	508	537	95	437	637	12/09/2024	12:17	LB133834
	Beryllium	522	495	106	420	570	12/09/2024	12:17	LB133834
	Cadmium	1000	972	103	826	1120	12/09/2024	12:17	LB133834
	Calcium	239000	235000	102	199000	271000	12/09/2024	12:17	LB133834
	Chromium	563	542	104	460	624	12/09/2024	12:17	LB133834
	Cobalt	507	476	106	404	548	12/09/2024	12:17	LB133834
	Copper	498	511	98	434	588	12/09/2024	12:17	LB133834
	Iron	95800	99300	96	84400	114500	12/09/2024	12:17	LB133834
	Lead	52.4	49.0	107	37	61	12/09/2024	12:17	LB133834
	Magnesium	259000	248000	104	210000	286000	12/09/2024	12:17	LB133834
	Manganese	494	507	97	430	584	12/09/2024	12:17	LB133834
	Nickel	1020	954	107	810	1100	12/09/2024	12:17	LB133834
	Potassium	-36.7			0	0	12/09/2024	12:17	LB133834

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INTERFERENCE CHECK SAMPLE

Client: New York City DEP of Environmental Protection/B **SDG No.:** P5018
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5018 **SAS No.:** P5018
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	Selenium	29.8	46.0	65	26	66	12/09/2024	12:17	LB133834
	Silver	195	201	97	170	232	12/09/2024	12:17	LB133834
	Sodium	5.96			0	0	12/09/2024	12:17	LB133834
	Thallium	81.8	108	76	68	148	12/09/2024	12:17	LB133834
	Vanadium	500	491	102	417	565	12/09/2024	12:17	LB133834
	Zinc	922	952	97	809	1095	12/09/2024	12:17	LB133834
ICSA	Aluminum	250000	255000	98	216000	294000	12/09/2024	12:21	LB133834
	Antimony	4.82			-50	50	12/09/2024	12:21	LB133834
	Arsenic	-56.9			-20	20	12/09/2024	12:21	LB133834
	Barium	-8.92	6.0	149	-94	106	12/09/2024	12:21	LB133834
	Beryllium	2.01			-6	6	12/09/2024	12:21	LB133834
	Cadmium	-1.42	1.0	142	-5	7	12/09/2024	12:21	LB133834
	Calcium	248000	245000	101	208000	282000	12/09/2024	12:21	LB133834
	Chromium	56.7	52.0	109	42	62	12/09/2024	12:21	LB133834
	Cobalt	-0.98			-30	30	12/09/2024	12:21	LB133834
	Copper	31.9	2.0	1595	-18	22	12/09/2024	12:21	LB133834
	Iron	95600	101000	95	85600	116500	12/09/2024	12:21	LB133834
	Lead	8.41			-12	12	12/09/2024	12:21	LB133834
	Magnesium	255000	255000	100	216000	294000	12/09/2024	12:21	LB133834
	Manganese	7.71	7.0	110	-13	27	12/09/2024	12:21	LB133834
	Nickel	34.2	2.0	1710	-38	42	12/09/2024	12:21	LB133834
	Potassium	-1160			0	0	12/09/2024	12:21	LB133834
	Selenium	-15.9			-20	20	12/09/2024	12:21	LB133834
	Silver	-9.38			-10	10	12/09/2024	12:21	LB133834
	Sodium	-653			0	0	12/09/2024	12:21	LB133834
	Thallium	-31.4			-40	40	12/09/2024	12:21	LB133834
	Vanadium	2.17			-40	40	12/09/2024	12:21	LB133834
	Zinc	155			-40	40	12/09/2024	12:21	LB133834
ICSAB	Aluminum	248000	247000	100	209000	285000	12/09/2024	12:25	LB133834
	Antimony	608	618	98	525	711	12/09/2024	12:25	LB133834
	Arsenic	25.9	104	25	88.4	120	12/09/2024	12:25	LB133834
	Barium	489	537	91	437	637	12/09/2024	12:25	LB133834
	Beryllium	535	495	108	420	570	12/09/2024	12:25	LB133834
	Cadmium	1000	972	103	826	1120	12/09/2024	12:25	LB133834
	Calcium	246000	235000	105	199000	271000	12/09/2024	12:25	LB133834
	Chromium	589	542	109	460	624	12/09/2024	12:25	LB133834
	Cobalt	499	476	105	404	548	12/09/2024	12:25	LB133834
	Copper	543	511	106	434	588	12/09/2024	12:25	LB133834
	Iron	95500	99300	96	84400	114500	12/09/2024	12:25	LB133834
	Lead	68.0	49.0	139	37	61	12/09/2024	12:25	LB133834
	Magnesium	252000	248000	102	210000	286000	12/09/2024	12:25	LB133834
	Manganese	525	507	104	430	584	12/09/2024	12:25	LB133834

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INTERFERENCE CHECK SAMPLE

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Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5018 **SAS No.:** P5018
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	1040	954	109	810	1100	12/09/2024	12:25	LB133834
	Potassium	-1200			0	0	12/09/2024	12:25	LB133834
	Selenium	46.3	46.0	101	26	66	12/09/2024	12:25	LB133834
	Silver	182	201	90	170	232	12/09/2024	12:25	LB133834
	Sodium	-642			0	0	12/09/2024	12:25	LB133834
	Thallium	80.5	108	74	68	148	12/09/2024	12:25	LB133834
	Vanadium	513	491	104	417	565	12/09/2024	12:25	LB133834
	Zinc	1210	952	127	809	1095	12/09/2024	12:25	LB133834