

Metals
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INTERFERENCE CHECK SAMPLE

Client: New York City DEP of Environmental Protection/B **SDG No.:** P5068
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5068 **SAS No.:** P5068
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	272000	255000	107	216000	294000	12/05/2024	14:18	LB133769
	Antimony	-2.09			-50	50	12/05/2024	14:18	LB133769
	Arsenic	6.49			-20	20	12/05/2024	14:18	LB133769
	Barium	5.08	6.0	85	-94	106	12/05/2024	14:18	LB133769
	Beryllium	1.48			-6	6	12/05/2024	14:18	LB133769
	Cadmium	6.34	1.0	634	-5	7	12/05/2024	14:18	LB133769
	Calcium	261000	245000	106	208000	282000	12/05/2024	14:18	LB133769
	Chromium	57.9	52.0	111	42	62	12/05/2024	14:18	LB133769
	Cobalt	2.71			-30	30	12/05/2024	14:18	LB133769
	Copper	4.69	2.0	234	-18	22	12/05/2024	14:18	LB133769
	Iron	101000	101000	100	85600	116500	12/05/2024	14:18	LB133769
	Lead	7.21			-12	12	12/05/2024	14:18	LB133769
	Magnesium	283000	255000	111	216000	294000	12/05/2024	14:18	LB133769
	Manganese	1.73	7.0	25	-13	27	12/05/2024	14:18	LB133769
	Nickel	0.60	2.0	30	-38	42	12/05/2024	14:18	LB133769
	Potassium	41.3			0	0	12/05/2024	14:18	LB133769
	Selenium	-19.1			-20	20	12/05/2024	14:18	LB133769
	Silver	-5.85			-10	10	12/05/2024	14:18	LB133769
	Sodium	78.0			0	0	12/05/2024	14:18	LB133769
	Thallium	13.8			-40	40	12/05/2024	14:18	LB133769
	Vanadium	11.4			-40	40	12/05/2024	14:18	LB133769
	Zinc	8.24			-40	40	12/05/2024	14:18	LB133769
ICSAB01	Aluminum	253000	247000	102	209000	285000	12/05/2024	14:33	LB133769
	Antimony	590	618	96	525	711	12/05/2024	14:33	LB133769
	Arsenic	108	104	104	88.4	120	12/05/2024	14:33	LB133769
	Barium	515	537	96	437	637	12/05/2024	14:33	LB133769
	Beryllium	512	495	103	420	570	12/05/2024	14:33	LB133769
	Cadmium	991	972	102	826	1120	12/05/2024	14:33	LB133769
	Calcium	238000	235000	101	199000	271000	12/05/2024	14:33	LB133769
	Chromium	545	542	101	460	624	12/05/2024	14:33	LB133769
	Cobalt	499	476	105	404	548	12/05/2024	14:33	LB133769
	Copper	462	511	90	434	588	12/05/2024	14:33	LB133769
	Iron	93900	99300	95	84400	114500	12/05/2024	14:33	LB133769
	Lead	59.3	49.0	121	37	61	12/05/2024	14:33	LB133769
	Magnesium	259000	248000	104	210000	286000	12/05/2024	14:33	LB133769
	Manganese	496	507	98	430	584	12/05/2024	14:33	LB133769
	Nickel	1020	954	107	810	1100	12/05/2024	14:33	LB133769
	Potassium	28.1			0	0	12/05/2024	14:33	LB133769
	Selenium	32.5	46.0	71	26	66	12/05/2024	14:33	LB133769
	Silver	190	201	94	170	232	12/05/2024	14:33	LB133769
	Sodium	93.7			0	0	12/05/2024	14:33	LB133769
	Thallium	92.2	108	85	68	148	12/05/2024	14:33	LB133769

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Client: New York City DEP of Environmental Protection/B **SDG No.:** P5068
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5068 **SAS No.:** P5068
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	498	491	101	417	565	12/05/2024	14:33	LB133769
	Zinc	953	952	100	809	1095	12/05/2024	14:33	LB133769
ICSA	Aluminum	258000	255000	101	216000	294000	12/05/2024	14:37	LB133769
	Antimony	-47.6			-50	50	12/05/2024	14:37	LB133769
	Arsenic	-11.5			-20	20	12/05/2024	14:37	LB133769
	Barium	-19.2	6.0	320	-94	106	12/05/2024	14:37	LB133769
	Beryllium	2.10			-6	6	12/05/2024	14:37	LB133769
	Cadmium	1.10	1.0	110	-5	7	12/05/2024	14:37	LB133769
	Calcium	257000	245000	105	208000	282000	12/05/2024	14:37	LB133769
	Chromium	51.3	52.0	99	42	62	12/05/2024	14:37	LB133769
	Cobalt	3.32			-30	30	12/05/2024	14:37	LB133769
	Copper	-1.04	2.0	52	-18	22	12/05/2024	14:37	LB133769
	Iron	101000	101000	100	85600	116500	12/05/2024	14:37	LB133769
	Lead	12.2			-12	12	12/05/2024	14:37	LB133769
	Magnesium	262000	255000	103	216000	294000	12/05/2024	14:37	LB133769
	Manganese	3.37	7.0	48	-13	27	12/05/2024	14:37	LB133769
	Nickel	-2.58	2.0	129	-38	42	12/05/2024	14:37	LB133769
	Potassium	-671			0	0	12/05/2024	14:37	LB133769
	Selenium	-22.5			-20	20	12/05/2024	14:37	LB133769
	Silver	3.21			-10	10	12/05/2024	14:37	LB133769
	Sodium	423			0	0	12/05/2024	14:37	LB133769
	Thallium	-14.7			-40	40	12/05/2024	14:37	LB133769
	Vanadium	37.2			-40	40	12/05/2024	14:37	LB133769
	Zinc	9.03			-40	40	12/05/2024	14:37	LB133769
ICSAB	Aluminum	257000	247000	104	209000	285000	12/05/2024	14:41	LB133769
	Antimony	558	618	90	525	711	12/05/2024	14:41	LB133769
	Arsenic	69.6	104	67	88.4	120	12/05/2024	14:41	LB133769
	Barium	522	537	97	437	637	12/05/2024	14:41	LB133769
	Beryllium	545	495	110	420	570	12/05/2024	14:41	LB133769
	Cadmium	1030	972	106	826	1120	12/05/2024	14:41	LB133769
	Calcium	256000	235000	109	199000	271000	12/05/2024	14:41	LB133769
	Chromium	597	542	110	460	624	12/05/2024	14:41	LB133769
	Cobalt	511	476	107	404	548	12/05/2024	14:41	LB133769
	Copper	518	511	101	434	588	12/05/2024	14:41	LB133769
	Iron	99800	99300	100	84400	114500	12/05/2024	14:41	LB133769
	Lead	44.7	49.0	91	37	61	12/05/2024	14:41	LB133769
	Magnesium	261000	248000	105	210000	286000	12/05/2024	14:41	LB133769
	Manganese	538	507	106	430	584	12/05/2024	14:41	LB133769
	Nickel	1030	954	108	810	1100	12/05/2024	14:41	LB133769
	Potassium	-884			0	0	12/05/2024	14:41	LB133769
	Selenium	23.2	46.0	50	26	66	12/05/2024	14:41	LB133769
	Silver	192	201	96	170	232	12/05/2024	14:41	LB133769

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Client: New York City DEP of Environmental Protection/B **SDG No.:** P5068
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5068 **SAS No.:** P5068
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	156			0	0	12/05/2024	14:41	LB133769
	Thallium	101	108	94	68	148	12/05/2024	14:41	LB133769
	Vanadium	521	491	106	417	565	12/05/2024	14:41	LB133769
	Zinc	1090	952	114	809	1095	12/05/2024	14:41	LB133769
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

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Client: New York City DEP of Environmental Protection/B **SDG No.:** P5068
Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5068 **SAS No.:** P5068
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	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
	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

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Contract: NEWY17 **Lab Code:** CHEM **Case No.:** P5068 **SAS No.:** P5068
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	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
	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