

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>AECOM</u>	SDG No.: <u>Q3422</u>
Contract: <u>AECO02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</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	250000	255000	98	216000	294000	10/24/2025	14:52	LB137662
	Antimony	-3.33			-50	50	10/24/2025	14:52	LB137662
	Arsenic	8.44			-20	20	10/24/2025	14:52	LB137662
	Barium	-0.70	6.0	12	-94	106	10/24/2025	14:52	LB137662
	Beryllium	1.60			-6	6	10/24/2025	14:52	LB137662
	Cadmium	2.28	1.0	228	-5	7	10/24/2025	14:52	LB137662
	Calcium	237000	245000	97	208000	282000	10/24/2025	14:52	LB137662
	Chromium	50.0	52.0	96	42	62	10/24/2025	14:52	LB137662
	Cobalt	2.04			-30	30	10/24/2025	14:52	LB137662
	Copper	9.81	2.0	490	-18	22	10/24/2025	14:52	LB137662
	Iron	99200	101000	98	85600	116500	10/24/2025	14:52	LB137662
	Lead	3.20			-12	12	10/24/2025	14:52	LB137662
	Magnesium	251000	255000	98	216000	294000	10/24/2025	14:52	LB137662
	Manganese	7.87	7.0	112	-13	27	10/24/2025	14:52	LB137662
	Nickel	4.35	2.0	218	-38	42	10/24/2025	14:52	LB137662
	Potassium	111			0	0	10/24/2025	14:52	LB137662
	Selenium	7.23			-20	20	10/24/2025	14:52	LB137662
	Silver	2.11			-10	10	10/24/2025	14:52	LB137662
	Sodium	118			0	0	10/24/2025	14:52	LB137662
	Thallium	15.3			-40	40	10/24/2025	14:52	LB137662
	Vanadium	3.29			-40	40	10/24/2025	14:52	LB137662
	Zinc	4.78			-40	40	10/24/2025	14:52	LB137662
ICSAB01	Aluminum	257000	247000	104	209000	285000	10/24/2025	14:56	LB137662
	Antimony	610	618	99	525	711	10/24/2025	14:56	LB137662
	Arsenic	110	104	106	88.4	120	10/24/2025	14:56	LB137662
	Barium	506	537	94	437	637	10/24/2025	14:56	LB137662
	Beryllium	525	495	106	420	570	10/24/2025	14:56	LB137662
	Cadmium	1030	972	106	826	1120	10/24/2025	14:56	LB137662
	Calcium	243000	235000	103	199000	271000	10/24/2025	14:56	LB137662
	Chromium	566	542	104	460	624	10/24/2025	14:56	LB137662
	Cobalt	517	476	109	404	548	10/24/2025	14:56	LB137662
	Copper	499	511	98	434	588	10/24/2025	14:56	LB137662
	Iron	101000	99300	102	84400	114500	10/24/2025	14:56	LB137662
	Lead	51.7	49.0	106	37	61	10/24/2025	14:56	LB137662
	Magnesium	258000	248000	104	210000	286000	10/24/2025	14:56	LB137662
	Manganese	507	507	100	430	584	10/24/2025	14:56	LB137662
	Nickel	1030	954	108	810	1100	10/24/2025	14:56	LB137662
	Potassium	46.1			0	0	10/24/2025	14:56	LB137662
	Selenium	54.0	46.0	117	26	66	10/24/2025	14:56	LB137662
	Silver	213	201	106	170	232	10/24/2025	14:56	LB137662
	Sodium	89.3			0	0	10/24/2025	14:56	LB137662
	Thallium	129	108	119	68	148	10/24/2025	14:56	LB137662

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INTERFERENCE CHECK SAMPLE

Client: AECOM

SDG No.: Q3422

Contract: AECO02

Lab Code: ACE

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	499	491	102	417	565	10/24/2025	14:56	LB137662
	Zinc	1050	952	110	809	1095	10/24/2025	14:56	LB137662
ICSA01	Aluminum	230000	255000	90	216000	294000	10/28/2025	12:47	LB137677
	Antimony	-1.12			-50	50	10/28/2025	12:47	LB137677
	Arsenic	5.71			-20	20	10/28/2025	12:47	LB137677
	Barium	0.81	6.0	14	-94	106	10/28/2025	12:47	LB137677
	Beryllium	1.34			-6	6	10/28/2025	12:47	LB137677
	Cadmium	2.04	1.0	204	-5	7	10/28/2025	12:47	LB137677
	Calcium	225000	245000	92	208000	282000	10/28/2025	12:47	LB137677
	Chromium	48.4	52.0	93	42	62	10/28/2025	12:47	LB137677
	Cobalt	1.65			-30	30	10/28/2025	12:47	LB137677
	Copper	12.6	2.0	630	-18	22	10/28/2025	12:47	LB137677
	Iron	95500	101000	95	85600	116500	10/28/2025	12:47	LB137677
	Lead	4.98			-12	12	10/28/2025	12:47	LB137677
	Magnesium	236000	255000	92	216000	294000	10/28/2025	12:47	LB137677
	Manganese	-0.32	7.0	4	-13	27	10/28/2025	12:47	LB137677
	Nickel	6.84	2.0	342	-38	42	10/28/2025	12:47	LB137677
	Potassium	78.1			0	0	10/28/2025	12:47	LB137677
	Selenium	1.71			-20	20	10/28/2025	12:47	LB137677
	Silver	1.71			-10	10	10/28/2025	12:47	LB137677
	Sodium	154			0	0	10/28/2025	12:47	LB137677
	Thallium	5.36			-40	40	10/28/2025	12:47	LB137677
	Vanadium	4.12			-40	40	10/28/2025	12:47	LB137677
	Zinc	3.63			-40	40	10/28/2025	12:47	LB137677
ICSAB01	Aluminum	229000	247000	93	209000	285000	10/28/2025	12:51	LB137677
	Antimony	577	618	93	525	711	10/28/2025	12:51	LB137677
	Arsenic	104	104	100	88.4	120	10/28/2025	12:51	LB137677
	Barium	472	537	88	437	637	10/28/2025	12:51	LB137677
	Beryllium	489	495	99	420	570	10/28/2025	12:51	LB137677
	Cadmium	966	972	99	826	1120	10/28/2025	12:51	LB137677
	Calcium	223000	235000	95	199000	271000	10/28/2025	12:51	LB137677
	Chromium	530	542	98	460	624	10/28/2025	12:51	LB137677
	Cobalt	488	476	102	404	548	10/28/2025	12:51	LB137677
	Copper	473	511	93	434	588	10/28/2025	12:51	LB137677
	Iron	95900	99300	97	84400	114500	10/28/2025	12:51	LB137677
	Lead	52.4	49.0	107	37	61	10/28/2025	12:51	LB137677
	Magnesium	235000	248000	95	210000	286000	10/28/2025	12:51	LB137677
	Manganese	463	507	91	430	584	10/28/2025	12:51	LB137677
	Nickel	968	954	102	810	1100	10/28/2025	12:51	LB137677
	Potassium	18.5			0	0	10/28/2025	12:51	LB137677
	Selenium	46.1	46.0	100	26	66	10/28/2025	12:51	LB137677
	Silver	203	201	101	170	232	10/28/2025	12:51	LB137677

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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	129			0	0	10/28/2025	12:51	LB137677
	Thallium	102	108	94	68	148	10/28/2025	12:51	LB137677
	Vanadium	461	491	94	417	565	10/28/2025	12:51	LB137677
	Zinc	1000	952	105	809	1095	10/28/2025	12:51	LB137677
ICSA01	Aluminum	238000	255000	93	216000	294000	10/29/2025	14:21	LB137697
	Antimony	-3.02			-50	50	10/29/2025	14:21	LB137697
	Arsenic	4.77			-20	20	10/29/2025	14:21	LB137697
	Barium	5.72	6.0	95	-94	106	10/29/2025	14:21	LB137697
	Beryllium	1.70			-6	6	10/29/2025	14:21	LB137697
	Cadmium	0.66	1.0	66	-5	7	10/29/2025	14:21	LB137697
	Calcium	231000	245000	94	208000	282000	10/29/2025	14:21	LB137697
	Chromium	48.9	52.0	94	42	62	10/29/2025	14:21	LB137697
	Cobalt	1.62			-30	30	10/29/2025	14:21	LB137697
	Copper	14.1	2.0	705	-18	22	10/29/2025	14:21	LB137697
	Iron	95000	101000	94	85600	116500	10/29/2025	14:21	LB137697
	Lead	0.038			-12	12	10/29/2025	14:21	LB137697
	Magnesium	246000	255000	96	216000	294000	10/29/2025	14:21	LB137697
	Manganese	7.78	7.0	111	-13	27	10/29/2025	14:21	LB137697
	Nickel	4.85	2.0	242	-38	42	10/29/2025	14:21	LB137697
	Potassium	22.1			0	0	10/29/2025	14:21	LB137697
	Selenium	1.76			-20	20	10/29/2025	14:21	LB137697
	Silver	0.89			-10	10	10/29/2025	14:21	LB137697
	Sodium	125			0	0	10/29/2025	14:21	LB137697
	Thallium	10.3			-40	40	10/29/2025	14:21	LB137697
	Vanadium	4.98			-40	40	10/29/2025	14:21	LB137697
	Zinc	3.72			-40	40	10/29/2025	14:21	LB137697
ICSAB01	Aluminum	236000	247000	96	209000	285000	10/29/2025	14:25	LB137697
	Antimony	580	618	94	525	711	10/29/2025	14:25	LB137697
	Arsenic	105	104	101	88.4	120	10/29/2025	14:25	LB137697
	Barium	478	537	89	437	637	10/29/2025	14:25	LB137697
	Beryllium	501	495	101	420	570	10/29/2025	14:25	LB137697
	Cadmium	963	972	99	826	1120	10/29/2025	14:25	LB137697
	Calcium	229000	235000	97	199000	271000	10/29/2025	14:25	LB137697
	Chromium	538	542	99	460	624	10/29/2025	14:25	LB137697
	Cobalt	486	476	102	404	548	10/29/2025	14:25	LB137697
	Copper	474	511	93	434	588	10/29/2025	14:25	LB137697
	Iron	94700	99300	95	84400	114500	10/29/2025	14:25	LB137697
	Lead	47.4	49.0	97	37	61	10/29/2025	14:25	LB137697
	Magnesium	244000	248000	98	210000	286000	10/29/2025	14:25	LB137697
	Manganese	479	507	94	430	584	10/29/2025	14:25	LB137697
	Nickel	968	954	102	810	1100	10/29/2025	14:25	LB137697
	Potassium	-81.1			0	0	10/29/2025	14:25	LB137697

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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	51.1	46.0	111	26	66	10/29/2025	14:25	LB137697
	Silver	202	201	100	170	232	10/29/2025	14:25	LB137697
	Sodium	95.8			0	0	10/29/2025	14:25	LB137697
	Thallium	105	108	97	68	148	10/29/2025	14:25	LB137697
	Vanadium	469	491	96	417	565	10/29/2025	14:25	LB137697
	Zinc	999	952	105	809	1095	10/29/2025	14:25	LB137697