

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDBB4
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133179
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	87000	87	87000	87
Antimony	1.5	22	1.1	71	20	89
Arsenic	0.1	19	0.36	360	19	101
Barium	1.2	22	1.3	108	19	87
Beryllium	0	19	0.31		21	109
Cadmium	0.7	20	0.25	36	20	98
Calcium	100000	100000	97000	97	95000	95
Chromium	21	40	19	91	38	94
Cobalt	1	20	1.2	117	20	100
Copper	8	25	6.8	85	24	97
Iron	100000	100000	97000	97	97000	97
Lead	4	25	3.9	97	23	92
Magnesium	100000	100000	93000	93	93000	93
Manganese	7	27	7.8	111	27	99
Nickel	6	24	5.3	89	24	101
Potassium	100000	100000	94000	94	94000	94
Selenium	0.3	19	0.12	40	19	102
Silver	0	18	0.07		18	98
Sodium	100000	100000	94000	94	95000	94
Thallium	0	21	0.12		20	93
Vanadium	0.5	19	0.16	32	19	99
Zinc	11	29	11	98	31	107

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Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	87000	87	87000	87
Antimony	1.5	22	1.0	69	19	87
Arsenic	0.1	19	0.35	350	19	100
Barium	1.2	22	1.2	103	19	85
Beryllium	0	19	0.26		22	114
Cadmium	0.7	20	0.19	27	19	92
Calcium	100000	100000	96000	96	96000	96
Chromium	21	40	20	93	39	97
Cobalt	1	20	1.3	125	21	104
Copper	8	25	7.1	88	26	102
Iron	100000	100000	100000	101	100000	100
Lead	4	25	3.6	90	22	90
Magnesium	100000	100000	94000	94	94000	94
Manganese	7	27	7.9	112	27	101
Nickel	6	24	5.5	92	25	106
Potassium	100000	100000	94000	94	94000	94
Selenium	0.3	19	-0.3	0	19	98
Silver	0	18	0.02		17	95
Sodium	100000	100000	96000	96	96000	95
Thallium	0	21	0		19	92
Vanadium	0.5	19	0.17	34	19	101
Zinc	11	29	11	99	32	111

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 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133196
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	90000	90	89000	89
Antimony	1.5	22	1.1	75	19	88
Arsenic	0.1	19	0.34	340	20	106
Barium	1.2	22	1.4	113	19	87
Beryllium	0	19	0.31		21	108
Cadmium	0.7	20	0.29	41	20	98
Calcium	100000	100000	98000	98	97000	97
Chromium	21	40	20	94	39	98
Cobalt	1	20	1.2	124	21	102
Copper	8	25	7.1	89	26	103
Iron	100000	100000	100000	100	99000	99
Lead	4	25	4.0	100	23	92
Magnesium	100000	100000	97000	97	96000	96
Manganese	7	27	8.7	124	28	104
Nickel	6	24	5.4	91	26	107
Potassium	100000	100000	97000	97	97000	97
Selenium	0.3	19	0.41	137	20	103
Silver	0	18	0.11		18	98
Sodium	100000	100000	99000	99	97000	97
Thallium	0	21	0.14		19	93
Vanadium	0.5	19	0.19	38	20	103
Zinc	11	29	12	111	37	127

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 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133210
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	93000	93	84000	84
Antimony	1.5	22	1.1	73	20	91
Arsenic	0.1	19	0.43	430	20	103
Barium	1.2	22	1.4	117	19	88
Beryllium	0	19	0.33		21	110
Cadmium	0.7	20	0.11	16	20	99
Calcium	100000	100000	96000	96	91000	91
Chromium	21	40	20	97	38	95
Cobalt	1	20	1.2	122	20	100
Copper	8	25	7.4	93	25	98
Iron	100000	100000	100000	102	92000	92
Lead	4	25	4.0	99	23	91
Magnesium	100000	100000	98000	98	89000	89
Manganese	7	27	8.8	126	27	98
Nickel	6	24	5.6	94	25	102
Potassium	100000	100000	98000	98	90000	90
Selenium	0.3	19	0.12	40	20	104
Silver	0	18	0.06		18	101
Sodium	100000	100000	99000	99	91000	91
Thallium	0	21	0.12		20	97
Vanadium	0.5	19	0.18	36	19	101
Zinc	11	29	13	115	32	109