

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6311
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134662
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	98000	98	98000	98
Antimony	1.5	22	1.2	77	21	97
Arsenic	0.1	19	0.27	270	22	114
Barium	1.2	22	1.3	110	22	99
Beryllium	0	19	0.31		21	112
Cadmium	0.7	20	0.58	83	20	101
Calcium	100000	100000	100000	103	100000	103
Chromium	21	40	20	96	40	100
Cobalt	1	20	1.2	117	22	108
Copper	8	25	8.3	104	29	116
Iron	100000	100000	110000	106	110000	106
Lead	4	25	4.5	112	25	98
Magnesium	100000	100000	99000	99	99000	99
Manganese	7	27	7.8	111	28	102
Nickel	6	24	5.1	85	26	106
Potassium	100000	100000	100000	101	100000	102
Selenium	0.3	19	0.13	43	21	113
Silver	0	18	0.06		19	104
Sodium	100000	100000	110000	109	110000	110
Thallium	0	21	0.1		21	99
Vanadium	0.5	19	0.14	28	20	107
Zinc	11	29	11	104	31	108

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 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134674
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	94000	94	94000	93
Antimony	1.5	22	1.2	78	22	101
Arsenic	0.1	19	0.26	260	22	114
Barium	1.2	22	1.5	121	23	102
Beryllium	0	19	0.3		21	112
Cadmium	0.7	20	0.48	69	21	103
Calcium	100000	100000	110000	105	110000	105
Chromium	21	40	20	96	40	99
Cobalt	1	20	1.2	118	22	108
Copper	8	25	8.1	102	28	114
Iron	100000	100000	110000	105	110000	105
Lead	4	25	4.5	113	25	99
Magnesium	100000	100000	98000	98	97000	97
Manganese	7	27	7.8	111	28	102
Molybdenum	2000	2000	2000	100	2000	100
Nickel	6	24	5.1	85	25	104
Potassium	100000	100000	100000	100	100000	100
Selenium	0.3	19	0.31	103	21	110
Silver	0	18	0.02		20	108
Sodium	100000	100000	110000	107	110000	107
Strontium	0	0	36		36	
Thallium	0	21	0.05		21	101
Vanadium	0.5	19	0.14	28	20	106
Zinc	11	29	11	101	31	108