

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51953 MA No. : SDG No.: MC0AF9
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134565
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	92000	92
Antimony	1.5	22	1.1	71	21	94
Arsenic	0.1	19	0.28	280	21	108
Barium	1.2	22	1.4	118	22	98
Beryllium	0	19	0.26		20	105
Cadmium	0.7	20	0.31	44	20	101
Calcium	100000	100000	100000	100	100000	101
Chromium	21	40	19	92	40	99
Cobalt	1	20	1.3	126	21	106
Copper	8	25	7.4	92	28	111
Iron	100000	100000	110000	105	110000	105
Lead	4	25	4.5	112	24	96
Magnesium	100000	100000	100000	100	100000	101
Manganese	7	27	7.9	112	28	104
Nickel	6	24	5.1	85	25	102
Potassium	100000	100000	100000	100	100000	100
Selenium	0.3	19	0	0	20	106
Silver	0	18	0.04		19	107
Sodium	100000	100000	100000	102	100000	102
Thallium	0	21	0.1		20	93
Vanadium	0.5	19	0.19	38	20	105
Zinc	11	29	11	101	31	108

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134593
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	93000	93	92000	92
Antimony	1.5	22	1.2	77	22	98
Arsenic	0.1	19	0.34	340	21	113
Barium	1.2	22	1.5	123	22	98
Beryllium	0	19	0.31		22	115
Cadmium	0.7	20	0.29	41	21	104
Calcium	100000	100000	100000	103	100000	101
Chromium	21	40	21	100	41	103
Cobalt	1	20	1.3	131	22	109
Copper	8	25	7.9	99	28	110
Iron	100000	100000	110000	106	100000	103
Lead	4	25	4.8	120	23	93
Magnesium	100000	100000	94000	94	92000	92
Manganese	7	27	8.1	115	28	103
Nickel	6	24	5.9	98	26	110
Potassium	100000	100000	100000	101	99000	99
Selenium	0.3	19	0.33	110	21	112
Silver	0	18	0.02		20	109
Sodium	100000	100000	100000	102	99000	99
Thallium	0	21	0.15		20	94
Vanadium	0.5	19	0.21	42	21	108
Zinc	11	29	12	105	31	106