

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ9
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134025
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	94000	94	100000	102
Antimony	1.5	22	1.2	78	22	99
Arsenic	0.1	19	0.34	340	22	114
Barium	1.2	22	1.4	113	22	99
Beryllium	0	19	0.25		21	111
Cadmium	0.7	20	0.32	46	20	101
Calcium	100000	100000	100000	103	110000	111
Chromium	21	40	21	99	43	107
Cobalt	1	20	1.3	126	22	109
Copper	8	25	7.2	90	27	108
Iron	100000	100000	110000	107	110000	114
Lead	4	25	5.1	128	25	98
Magnesium	100000	100000	100000	100	110000	107
Manganese	7	27	7.9	113	29	107
Nickel	6	24	5.5	92	26	110
Potassium	100000	100000	100000	100	110000	108
Selenium	0.3	19	0.23	77	20	104
Silver	0	18	0.03		19	107
Sodium	100000	100000	100000	102	110000	109
Thallium	0	21	0.18		20	97
Vanadium	0.5	19	0.17	34	21	108
Zinc	11	29	15	132	33	114

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134058
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	93000	93	93000	93
Antimony	1.5	22	1.1	76	21	96
Arsenic	0.1	19	0.36	360	21	112
Barium	1.2	22	1.4	117	21	97
Beryllium	0	19	0.29		22	113
Cadmium	0.7	20	0.35	50	20	100
Calcium	100000	100000	100000	100	100000	102
Chromium	21	40	21	98	41	102
Cobalt	1	20	1.3	128	22	108
Copper	8	25	7.2	91	26	105
Iron	100000	100000	110000	105	110000	105
Lead	4	25	4.8	119	24	95
Magnesium	100000	100000	99000	99	98000	98
Manganese	7	27	8.1	116	28	105
Nickel	6	24	5.4	90	26	106
Potassium	100000	100000	99000	99	99000	99
Selenium	0.3	19	-0.12	0	19	100
Silver	0	18	0.04		19	107
Sodium	100000	100000	100000	100	100000	100
Thallium	0	21	0.14		20	95
Vanadium	0.5	19	0.2	40	20	107
Zinc	11	29	12	105	32	111