

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133504
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	88000	88	86000	86
Antimony	1.5	22	1.0	69	19	88
Arsenic	0.1	19	0.35	350	20	104
Barium	1.2	22	1.3	110	20	89
Beryllium	0	19	0.29		19	98
Cadmium	0.7	20	0.33	47	19	93
Calcium	100000	100000	96000	96	97000	97
Chromium	21	40	19	91	38	94
Cobalt	1	20	1.2	120	20	100
Copper	8	25	7.0	88	25	99
Iron	100000	100000	99000	99	97000	97
Lead	4	25	3.9	99	23	93
Magnesium	100000	100000	92000	92	89000	89
Manganese	7	27	7.4	106	26	96
Nickel	6	24	5.0	84	23	98
Potassium	100000	100000	96000	96	95000	95
Selenium	0.3	19	0	0	19	98
Silver	0	18	0.02		18	98
Sodium	100000	100000	98000	98	95000	95
Thallium	0	21	0.07		19	91
Vanadium	0.5	19	0.18	36	19	98
Zinc	11	29	9.0	82	29	99

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133538
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	90000	90	87000	87
Antimony	1.5	22	1.1	72	20	91
Arsenic	0.1	19	0.34	340	19	102
Barium	1.2	22	1.4	113	21	93
Beryllium	0	19	0.27		20	103
Cadmium	0.7	20	0.24	34	19	95
Calcium	100000	100000	96000	96	97000	97
Chromium	21	40	20	94	38	94
Cobalt	1	20	1.2	121	20	100
Copper	8	25	7.2	90	25	99
Iron	100000	100000	100000	102	98000	98
Lead	4	25	4.3	109	24	97
Magnesium	100000	100000	92000	92	89000	89
Manganese	7	27	7.5	107	25	94
Nickel	6	24	5.3	89	24	98
Potassium	100000	100000	95000	95	92000	92
Selenium	0.3	19	0.09	30	19	101
Silver	0	18	0.03		18	102
Sodium	100000	100000	100000	100	96000	96
Thallium	0	21	0.1		21	99
Vanadium	0.5	19	0.18	36	19	98
Zinc	11	29	9.6	87	27	94