

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.: MYDA53
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133117
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	91000	91	87000	87
Antimony	1.5	22	1.2	77	20	92
Arsenic	0.1	19	0.3	300	20	104
Barium	1.2	22	1.4	113	20	89
Beryllium	0	19	0.27		19	98
Cadmium	0.7	20	0.28	40	19	95
Calcium	100000	100000	97000	97	95000	95
Chromium	21	40	20	97	39	98
Cobalt	1	20	1.3	126	20	101
Copper	8	25	7.2	89	25	98
Iron	100000	100000	100000	101	97000	97
Lead	4	25	4.0	99	24	94
Magnesium	100000	100000	98000	98	94000	94
Manganese	7	27	8.0	114	27	99
Nickel	6	24	5.3	88	24	100
Potassium	100000	100000	95000	95	91000	91
Selenium	0.3	19	0.17	57	19	102
Silver	0	18	0.07		19	103
Sodium	100000	100000	100000	100	96000	96
Thallium	0	21	0.09		20	95
Vanadium	0.5	19	0.18	36	20	103
Zinc	11	29	11	97	29	100

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133124
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	89000	88	87000	87
Antimony	1.5	22	1.2	77	21	93
Arsenic	0.1	19	0.29	290	20	103
Barium	1.2	22	1.4	116	20	92
Beryllium	0	19	0.29		22	113
Cadmium	0.7	20	0.34	49	20	98
Calcium	100000	100000	96000	96	96000	96
Chromium	21	40	20	96	40	100
Cobalt	1	20	1.3	126	21	104
Copper	8	25	7.1	89	26	102
Iron	100000	100000	99000	99	98000	98
Lead	4	25	3.9	98	24	95
Magnesium	100000	100000	94000	94	93000	93
Manganese	7	27	8.1	115	28	103
Nickel	6	24	5.2	87	24	101
Potassium	100000	100000	93000	93	93000	93
Selenium	0.3	19	0.76	253	19	102
Silver	0	18	0.08		19	104
Sodium	100000	100000	96000	95	95000	95
Thallium	0	21	0.08		20	97
Vanadium	0.5	19	0.19	38	20	106
Zinc	11	29	11	100	30	104