

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134068
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	93000	93	92000	92
Antimony	1.5	22	1.1	74	21	94
Arsenic	0.1	19	0.35	350	21	112
Barium	1.2	22	1.4	118	21	96
Beryllium	0	19	0.3		21	111
Cadmium	0.7	20	0.22	31	20	97
Calcium	100000	100000	100000	103	100000	101
Chromium	21	40	21	99	41	102
Cobalt	1	20	1.3	126	21	107
Copper	8	25	7.2	90	26	104
Iron	100000	100000	110000	105	100000	102
Lead	4	25	4.6	114	23	93
Magnesium	100000	100000	95000	95	93000	93
Manganese	7	27	8.4	119	28	104
Nickel	6	24	5.5	91	25	105
Potassium	100000	100000	100000	100	99000	98
Selenium	0.3	19	-0.18	0	20	107
Silver	0	18	0.04		19	105
Sodium	100000	100000	100000	100	99000	99
Thallium	0	21	0.1		19	91
Vanadium	0.5	19	0.17	34	20	108
Zinc	11	29	11	104	32	109

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134112
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	94000	93
Antimony	1.5	22	1.1	75	22	98
Arsenic	0.1	19	0.32	320	22	115
Barium	1.2	22	1.4	113	22	99
Beryllium	0	19	0.29		21	111
Cadmium	0.7	20	0.31	44	20	97
Calcium	100000	100000	100000	101	100000	103
Chromium	21	40	20	94	40	101
Cobalt	1	20	1.2	123	21	107
Copper	8	25	7.1	89	26	105
Iron	100000	100000	100000	103	110000	105
Lead	4	25	4.5	112	24	98
Magnesium	100000	100000	98000	98	100000	100
Manganese	7	27	7.7	110	28	103
Nickel	6	24	5.2	87	26	107
Potassium	100000	100000	98000	98	100000	100
Selenium	0.3	19	0.26	87	21	108
Silver	0	18	0.04		20	109
Sodium	100000	100000	99000	99	100000	101
Thallium	0	21	0.1		21	99
Vanadium	0.5	19	0.2	40	20	107
Zinc	11	29	11	99	32	109