

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134096
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	93000	93
Antimony	1.5	22	1.2	77	22	99
Arsenic	0.1	19	0.31	310	21	110
Barium	1.2	22	1.4	120	22	101
Beryllium	0	19	0.3		21	109
Cadmium	0.7	20	0.18	26	21	103
Calcium	100000	100000	100000	102	100000	104
Chromium	21	40	21	98	42	104
Cobalt	1	20	1.3	131	22	112
Copper	8	25	7.3	91	27	109
Iron	100000	100000	100000	104	110000	105
Lead	4	25	4.7	118	25	100
Magnesium	100000	100000	94000	94	95000	94
Manganese	7	27	8.2	117	29	108
Nickel	6	24	5.5	92	26	109
Potassium	100000	100000	98000	98	99000	99
Selenium	0.3	19	-0.33	0	21	108
Silver	0	18	0.06		20	110
Sodium	100000	100000	100000	99	100000	100
Thallium	0	21	0.14		21	100
Vanadium	0.5	19	0.19	38	21	110
Zinc	11	29	11	103	33	113

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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
Molybdenum	2000	2000	2000	98	2000	100
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