

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134440
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	100000	100	92000	92
Antimony	1.5	22	1.0	67	20	92
Arsenic	0.1	19	0.26	260	21	110
Barium	1.2	22	1.4	116	21	96
Beryllium	0	19	0.3		20	107
Cadmium	0.7	20	0.54	77	19	96
Calcium	100000	100000	95000	95	97000	97
Chromium	21	40	20	95	37	93
Cobalt	1	20	1.2	119	20	102
Copper	8	25	8.6	107	28	111
Iron	100000	100000	110000	110	100000	102
Lead	4	25	4.2	105	24	96
Magnesium	100000	100000	100000	104	96000	96
Manganese	7	27	7.8	111	27	99
Molybdenum	2000	2000	1900	94	2000	100
Nickel	6	24	5.5	92	25	105
Potassium	100000	100000	110000	105	97000	97
Selenium	0.3	19	0.15	50	21	111
Silver	0	18	0.06		18	100
Sodium	100000	100000	110000	108	100000	100
Strontium	0	0	30		76	
Thallium	0	21	0.1		20	94
Vanadium	0.5	19	0.14	28	19	100
Zinc	11	29	11	104	30	103

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 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134543
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	93000	93	93000	93
Antimony	1.5	22	1.2	77	20	91
Arsenic	0.1	19	0.38	380	21	111
Barium	1.2	22	1.5	128	21	96
Beryllium	0	19	0.31		20	104
Cadmium	0.7	20	0.41	59	19	94
Calcium	100000	100000	110000	105	98000	98
Chromium	21	40	19	92	39	96
Cobalt	1	20	1.1	110	21	103
Copper	8	25	7.9	99	28	112
Iron	100000	100000	110000	105	110000	106
Lead	4	25	4.6	114	24	94
Magnesium	100000	100000	95000	95	97000	97
Manganese	7	27	7.4	106	27	101
Molybdenum	2000	2000	2100	104	2000	98
Nickel	6	24	5.6	93	26	107
Potassium	100000	100000	98000	98	99000	99
Selenium	0.3	19	0.62	207	21	108
Silver	0	18	0.11		18	99
Sodium	100000	100000	100000	101	100000	102
Thallium	0	21	0.14		19	92
Vanadium	0.5	19	0.16	32	20	105
Zinc	11	29	11	98	31	107

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134674
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	94000	94	94000	93
Antimony	1.5	22	1.2	78	22	101
Arsenic	0.1	19	0.26	260	22	114
Barium	1.2	22	1.5	121	23	102
Beryllium	0	19	0.3		21	112
Cadmium	0.7	20	0.48	69	21	103
Calcium	100000	100000	110000	105	110000	105
Chromium	21	40	20	96	40	99
Cobalt	1	20	1.2	118	22	108
Copper	8	25	8.1	102	28	114
Iron	100000	100000	110000	105	110000	105
Lead	4	25	4.5	113	25	99
Magnesium	100000	100000	98000	98	97000	97
Manganese	7	27	7.8	111	28	102
Molybdenum	2000	2000	2000	100	2000	100
Nickel	6	24	5.1	85	25	104
Potassium	100000	100000	100000	100	100000	100
Selenium	0.3	19	0.31	103	21	110
Silver	0	18	0.02		20	108
Sodium	100000	100000	110000	107	110000	107
Strontium	0	0	36		36	
Thallium	0	21	0.05		21	101
Vanadium	0.5	19	0.14	28	20	106
Zinc	11	29	11	101	31	108