

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.: MH2GW9
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 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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 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134589
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	93000	92
Antimony	1.5	22	1.1	71	20	91
Arsenic	0.1	19	0.31	310	21	110
Barium	1.2	22	1.5	121	21	96
Beryllium	0	19	0.31		21	109
Cadmium	0.7	20	0.39	56	20	101
Calcium	100000	100000	99000	99	100000	100
Chromium	21	40	19	90	39	98
Cobalt	1	20	1.2	116	21	107
Copper	8	25	7.5	94	27	110
Iron	100000	100000	96000	96	97000	97
Lead	4	25	4.3	108	24	97
Magnesium	100000	100000	95000	95	96000	96
Manganese	7	27	6.4	91	25	94
Nickel	6	24	5.0	83	24	100
Potassium	100000	100000	99000	99	100000	101
Selenium	0.3	19	0.75	250	20	104
Silver	0	18	0.07		19	103
Sodium	100000	100000	100000	100	100000	103
Thallium	0	21	0.11		20	95
Vanadium	0.5	19	0.16	32	20	103
Zinc	11	29	11	98	31	107

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 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134612
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSB	ICSA	%R	ICSB	%R
Aluminum	100000	100000	89000	89	90000	90
Antimony	1.5	22	1.1	72	21	97
Arsenic	0.1	19	0.3	300	22	114
Barium	1.2	22	1.3	110	22	99
Beryllium	0	19	0.32		21	112
Cadmium	0.7	20	0.46	66	20	100
Calcium	100000	100000	93000	92	97000	97
Chromium	21	40	19	92	40	99
Cobalt	1	20	1.2	117	21	106
Copper	8	25	7.9	99	28	113
Iron	100000	100000	99000	99	100000	101
Lead	4	25	4.3	107	25	98
Magnesium	100000	100000	92000	92	92000	92
Manganese	7	27	7.5	107	27	102
Molybdenum	2000	2000	1900	94	2000	99
Nickel	6	24	5.1	84	25	103
Potassium	100000	100000	95000	94	97000	96
Selenium	0.3	19	-0.2	0	21	108
Silver	0	18	0.07		19	105
Sodium	100000	100000	97000	97	98000	98
Strontium	0	0	33		35	
Thallium	0	21	0.09		21	100
Vanadium	0.5	19	0.16	32	20	104
Zinc	11	29	11	100	31	107