

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZB9
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134057
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	99
Antimony	0	618	4.0		560	90
Arsenic	0	104	8.3		110	108
Barium	6	537	5.4	90	540	100
Beryllium	0	495	2.4		530	107
Cadmium	1	972	0.75	75	1000	105
Calcium	245000	235000	250000	100	250000	107
Chromium	52	542	50	97	600	110
Cobalt	0	476	34		530	111
Copper	2	511	-13	-662	470	93
Iron	101000	99300	100000	100	100000	105
Lead	0	49	-0.2		51	103
Magnesium	255000	248000	260000	101	260000	106
Manganese	7	507	9.1	130	530	105
Nickel	2	954	3.6	178	1000	106
Potassium	0	0	-760		-1200	
Selenium	0	46	26		72	156
Silver	0	201	5.5		190	96
Sodium	0	0	-1000		-720	
Thallium	0	108	-15		96	89
Vanadium	0	491	8.4		520	106
Zinc	0	952	-21		900	95

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134069
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	96
Antimony	0	618	24		580	94
Arsenic	0	104	-9.5		98	94
Barium	6	537	2.9	47	530	98
Beryllium	0	495	2.0		530	106
Cadmium	1	972	1.1	105	1000	105
Calcium	245000	235000	240000	99	240000	103
Chromium	52	542	52	100	600	110
Cobalt	0	476	36		530	112
Copper	2	511	-1.2	-59	480	94
Iron	101000	99300	100000	100	100000	102
Lead	0	49	5.6		57	117
Magnesium	255000	248000	260000	101	260000	104
Manganese	7	507	12	176	530	104
Nickel	2	954	3.9	195	1000	107
Potassium	0	0	-860		-1200	
Selenium	0	46	24		69	151
Silver	0	201	2.7		190	92
Sodium	0	0	-1800		-940	
Thallium	0	108	-11		83	77
Vanadium	0	491	9.0		520	105
Zinc	0	952	-16		930	97