

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMT4
 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

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134200
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	97	250000	100
Antimony	0	618	5.0		580	93
Arsenic	0	104	9.2		100	100
Barium	6	537	7.4	123	540	100
Beryllium	0	495	2.6		530	106
Cadmium	1	972	0.72	72	970	100
Calcium	245000	235000	250000	103	250000	107
Chromium	52	542	53	101	580	108
Cobalt	0	476	17		500	105
Copper	2	511	-17	-857	500	98
Iron	101000	99300	100000	100	100000	101
Lead	0	49	0.91		49	100
Magnesium	255000	248000	260000	102	260000	105
Manganese	7	507	7.4	105	500	99
Nickel	2	954	2.0	100	970	102
Potassium	0	0	-790		-2100	
Selenium	0	46	7.9		65	141
Silver	0	201	-4.7		200	101
Sodium	0	0	330		280	
Thallium	0	108	0.33		95	88
Vanadium	0	491	0.68		520	106
Zinc	0	952	-32		940	98