

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.: MBHK83
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134116
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	96	240000	98
Antimony	0	618	-4.6		630	101
Arsenic	0	104	2.0		110	108
Barium	6	537	3.6	59	560	105
Beryllium	0	495	4.5		570	115
Cadmium	1	972	0.87	87	1100	112
Calcium	245000	235000	250000	102	250000	105
Chromium	52	542	52	99	620	115
Cobalt	0	476	5.3		550	114
Copper	2	511	-15	-740	490	96
Iron	101000	99300	100000	102	100000	103
Lead	0	49	-8.0		46	93
Magnesium	255000	248000	260000	103	260000	105
Manganese	7	507	9.3	133	560	111
Nickel	2	954	3.1	154	1100	113
Potassium	0	0	-250		-500	
Selenium	0	46	21		67	146
Silver	0	201	0.79		220	108
Sodium	0	0	130		120	
Thallium	0	108	-16		90	84
Vanadium	0	491	13		550	112
Zinc	0	952	-35		1000	109

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134132
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	97	230000	94
Antimony	0	618	3.0		600	97
Arsenic	0	104	1.9		100	98
Barium	6	537	6.9	116	540	101
Beryllium	0	495	1.4		540	109
Cadmium	1	972	0.94	94	1100	109
Calcium	245000	235000	260000	104	240000	102
Chromium	52	542	55	105	620	114
Cobalt	0	476	36		550	115
Copper	2	511	4.1	203	500	97
Iron	101000	99300	110000	104	98000	99
Lead	0	49	7.0		58	118
Magnesium	255000	248000	270000	104	250000	100
Manganese	7	507	8.1	116	550	108
Nickel	2	954	7.3	364	1100	110
Potassium	0	0	-220		-630	
Selenium	0	46	-6.3		39	85
Silver	0	201	-5.9		210	105
Sodium	0	0	130		71	
Thallium	0	108	6.4		100	92
Vanadium	0	491	5.8		530	108
Zinc	0	952	-23		1000	106

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134139
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	230000	93
Antimony	0	618	13		610	98
Arsenic	0	104	7.1		100	99
Barium	6	537	5.0	84	540	101
Beryllium	0	495	1.3		540	109
Cadmium	1	972	0.65	65	1100	110
Calcium	245000	235000	250000	101	240000	101
Chromium	52	542	51	97	610	113
Cobalt	0	476	35		550	116
Copper	2	511	-5.2	-261	480	94
Iron	101000	99300	100000	100	98000	99
Lead	0	49	-9.1		46	93
Magnesium	255000	248000	260000	101	250000	100
Manganese	7	507	-5.3	-76	530	104
Nickel	2	954	2.9	144	1100	111
Potassium	0	0	-1500		-1500	
Selenium	0	46	9.5		56	121
Silver	0	201	-5.2		200	101
Sodium	0	0	-170		-170	
Thallium	0	108	2.0		100	96
Vanadium	0	491	1.2		530	107
Zinc	0	952	-44		990	104