

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.: MBHKZ7
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133990
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	96
Antimony	0	618	11		530	86
Arsenic	0	104	2.3		95	92
Barium	6	537	6.0	100	530	99
Beryllium	0	495	2.4		530	108
Cadmium	1	972	0.57	57	1000	105
Calcium	245000	235000	250000	101	250000	106
Chromium	52	542	53	101	600	110
Cobalt	0	476	46		540	114
Copper	2	511	-13	-634	480	94
Iron	101000	99300	100000	100	100000	102
Lead	0	49	-6.8		43	88
Magnesium	255000	248000	260000	102	260000	104
Manganese	7	507	6.5	92	530	104
Nickel	2	954	5.0	249	1000	107
Potassium	0	0	-1100		-1500	
Selenium	0	46	2.8		58	125
Silver	0	201	0.3		190	93
Sodium	0	0	1100		320	
Thallium	0	108	0.57		100	94
Vanadium	0	491	12		530	107
Zinc	0	952	-4.5		960	101

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134161
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	230000	93
Antimony	0	618	23		600	96
Arsenic	0	104	7.5		110	106
Barium	6	537	4.2	70	540	101
Beryllium	0	495	2.0		560	112
Cadmium	1	972	2.1	211	1100	109
Calcium	245000	235000	250000	103	240000	102
Chromium	52	542	54	103	610	113
Cobalt	0	476	36		540	114
Copper	2	511	-0.28	-14	490	96
Iron	101000	99300	100000	101	97000	97
Lead	0	49	-0.35		55	111
Magnesium	255000	248000	260000	104	250000	101
Manganese	7	507	4.4	63	550	108
Nickel	2	954	1.9	94	1000	109
Potassium	0	0	86		-220	
Selenium	0	46	17		74	160
Silver	0	201	-6.8		200	101
Sodium	0	0	210		210	
Thallium	0	108	3.2		110	97
Vanadium	0	491	1.8		540	110
Zinc	0	952	-33		970	102

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134162
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	95	240000	97
Antimony	0	618	20		570	92
Arsenic	0	104	-1.8		100	98
Barium	6	537	1.6	26	520	97
Beryllium	0	495	1.5		530	106
Cadmium	1	972	0.73	73	990	102
Calcium	245000	235000	250000	102	250000	106
Chromium	52	542	52	99	580	107
Cobalt	0	476	37		510	108
Copper	2	511	-9.2	-462	460	89
Iron	101000	99300	100000	100	100000	101
Lead	0	49	3.9		48	98
Magnesium	255000	248000	260000	102	260000	105
Manganese	7	507	2.2	31	510	100
Nickel	2	954	0.46	23	980	102
Potassium	0	0	-110		-310	
Selenium	0	46	17		64	138
Silver	0	201	-7.0		200	100
Sodium	0	0	180		200	
Thallium	0	108	10		110	100
Vanadium	0	491	3.8		500	101
Zinc	0	952	-33		910	96