

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.: MBHLP0
 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: LB134114
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	96
Antimony	0	618	2.2		530	85
Arsenic	0	104	5.9		110	109
Barium	6	537	-1.2	-19	530	99
Beryllium	0	495	2.2		520	105
Cadmium	1	972	0.3	30	1000	104
Calcium	245000	235000	250000	102	250000	105
Chromium	52	542	52	99	590	108
Cobalt	0	476	38		530	111
Copper	2	511	-16	-810	460	89
Iron	101000	99300	100000	101	100000	102
Lead	0	49	5.7		56	114
Magnesium	255000	248000	260000	102	260000	104
Manganese	7	507	13	190	530	105
Nickel	2	954	3.1	153	1000	105
Potassium	0	0	-140		-870	
Selenium	0	46	-18		25	54
Silver	0	201	0.67		180	87
Sodium	0	0	64		88	
Thallium	0	108	0.84		110	99
Vanadium	0	491	11		530	108
Zinc	0	952	-36		870	91

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 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