

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8G3
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134411
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	230000	93
Antimony	0	618	9.2		530	85
Arsenic	0	104	-0.43		90	86
Barium	6	537	4.4	74	480	90
Beryllium	0	495	-0.68		500	101
Cadmium	1	972	1.0	100	980	100
Calcium	245000	235000	250000	100	240000	101
Chromium	52	542	61	117	590	109
Cobalt	0	476	0.51		490	103
Copper	2	511	-11	-573	480	94
Iron	101000	99300	100000	102	100000	100
Lead	0	49	4.0		52	106
Magnesium	255000	248000	240000	94	230000	94
Manganese	7	507	12	166	500	98
Nickel	2	954	4.1	205	970	102
Potassium	0	0	-270		-560	
Selenium	0	46	25		63	137
Silver	0	201	2.3		200	99
Sodium	0	0	-310		-670	
Thallium	0	108	6.3		110	100
Vanadium	0	491	-6.6		480	97
Zinc	0	952	-8.6		940	99

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134438
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	88	230000	94
Antimony	0	618	6.9		560	91
Arsenic	0	104	0.83		98	94
Barium	6	537	7.9	132	490	92
Beryllium	0	495	-0.7		520	104
Cadmium	1	972	0.51	51	1000	105
Calcium	245000	235000	240000	98	250000	105
Chromium	52	542	60	115	620	113
Cobalt	0	476	0.87		510	107
Copper	2	511	-7.6	-382	490	95
Iron	101000	99300	99000	98	100000	103
Lead	0	49	5.5		58	117
Magnesium	255000	248000	230000	91	240000	97
Manganese	7	507	10	143	510	101
Nickel	2	954	3.1	152	1000	107
Potassium	0	0	-100		-330	
Selenium	0	46	20		64	140
Silver	0	201	-1.2		200	102
Sodium	0	0	-440		-540	
Thallium	0	108	1.9		110	102
Vanadium	0	491	-6.2		490	99
Zinc	0	952	-9.6		970	102