

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.: MBHJJ2
 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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 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

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134151
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	91	220000	89
Antimony	0	618	9.5		590	96
Arsenic	0	104	9.1		110	110
Barium	6	537	7.0	116	530	99
Beryllium	0	495	2.9		530	107
Cadmium	1	972	2.2	217	1100	109
Calcium	245000	235000	240000	99	230000	99
Chromium	52	542	52	100	600	110
Cobalt	0	476	49		460	97
Copper	2	511	-16	-821	490	95
Iron	101000	99300	100000	100	96000	97
Lead	0	49	3.1		55	112
Magnesium	255000	248000	260000	101	240000	98
Manganese	7	507	5.1	72	540	107
Nickel	2	954	3.8	190	1100	110
Potassium	0	0	-570		-860	
Selenium	0	46	19		71	154
Silver	0	201	-3.4		200	101
Sodium	0	0	230		210	
Thallium	0	108	9.6		120	106
Vanadium	0	491	5.4		550	112
Zinc	0	952	-33		990	103