

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133244
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	240000	98
Antimony	0	618	3.3		560	91
Arsenic	0	104	1.1		97	93
Barium	6	537	4.7	79	530	99
Beryllium	0	495	1.9		550	112
Cadmium	1	972	1.2	121	1000	105
Calcium	245000	235000	260000	105	260000	109
Chromium	52	542	53	102	600	110
Cobalt	0	476	2.0		510	108
Copper	2	511	-7.3	-367	490	95
Iron	101000	99300	110000	105	110000	106
Lead	0	49	-0.16		51	103
Magnesium	255000	248000	260000	103	260000	105
Manganese	7	507	12	171	530	104
Nickel	2	954	3.6	179	1000	108
Potassium	0	0	-570		-780	
Selenium	0	46	5.2		58	125
Silver	0	201	3.8		200	100
Sodium	0	0	830		1200	
Thallium	0	108	-17		96	89
Vanadium	0	491	-5.7		520	105
Zinc	0	952	13		950	99

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133314
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	95	240000	97
Antimony	0	618	6.9		540	87
Arsenic	0	104	-4.1		90	87
Barium	6	537	8.3	139	520	97
Beryllium	0	495	3.1		530	108
Cadmium	1	972	3.8	378	1000	104
Calcium	245000	235000	250000	103	250000	106
Chromium	52	542	55	105	610	112
Cobalt	0	476	2.5		510	106
Copper	2	511	-4.8	-242	490	96
Iron	101000	99300	110000	105	110000	105
Lead	0	49	-4.2		49	100
Magnesium	255000	248000	260000	102	260000	104
Manganese	7	507	16	224	540	107
Nickel	2	954	8.2	408	1000	106
Potassium	0	0	-140		-61	
Selenium	0	46	-6.0		45	97
Silver	0	201	3.8		190	95
Sodium	0	0	77		-41	
Thallium	0	108	-20		86	79
Vanadium	0	491	3.2		540	111
Zinc	0	952	19		920	97

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133346
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	240000	98
Antimony	0	618	1.6		550	88
Arsenic	0	104	9.7		120	111
Barium	6	537	6.1	101	530	98
Beryllium	0	495	-0.095		530	108
Cadmium	1	972	1.4	143	1000	106
Calcium	245000	235000	260000	105	250000	108
Chromium	52	542	52	100	610	112
Cobalt	0	476	-1.6		520	109
Copper	2	511	-2.1	-104	480	94
Iron	101000	99300	110000	106	110000	107
Lead	0	49	0.46		48	97
Magnesium	255000	248000	260000	100	250000	102
Manganese	7	507	12	169	540	106
Nickel	2	954	4.2	211	1000	109
Potassium	0	0	-410		-480	
Selenium	0	46	-0.69		47	102
Silver	0	201	3.0		190	95
Sodium	0	0	210		870	
Thallium	0	108	-17		93	86
Vanadium	0	491	7.3		520	106
Zinc	0	952	14		950	100

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133378
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	98	250000	100
Antimony	0	618	2.9		550	89
Arsenic	0	104	4.7		110	101
Barium	6	537	5.8	96	520	97
Beryllium	0	495	-0.26		540	108
Cadmium	1	972	1.6	160	1000	107
Calcium	245000	235000	260000	107	260000	110
Chromium	52	542	52	101	600	111
Cobalt	0	476	-1.5		510	108
Copper	2	511	2.2	110	490	96
Iron	101000	99300	110000	109	110000	108
Lead	0	49	-8.7		42	86
Magnesium	255000	248000	260000	102	260000	103
Manganese	7	507	11	157	540	106
Nickel	2	954	5.1	256	1000	108
Potassium	0	0	-170		-310	
Selenium	0	46	8.4		48	104
Silver	0	201	4.3		190	95
Sodium	0	0	280		490	
Thallium	0	108	-15		93	86
Vanadium	0	491	-6.6		520	106
Zinc	0	952	14		990	103