

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133243
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	250000	99
Antimony	0	618	1.1		560	91
Arsenic	0	104	3.2		94	90
Barium	6	537	3.2	54	540	100
Beryllium	0	495	1.2		550	111
Cadmium	1	972	1.7	174	1000	107
Calcium	245000	235000	250000	101	250000	108
Chromium	52	542	50	96	600	111
Cobalt	0	476	1.4		520	109
Copper	2	511	-6.8	-341	490	97
Iron	101000	99300	100000	102	110000	106
Lead	0	49	-4.3		48	98
Magnesium	255000	248000	250000	99	260000	104
Manganese	7	507	11	159	540	106
Nickel	2	954	4.5	224	1100	110
Potassium	0	0	11		-280	
Selenium	0	46	5.6		53	115
Silver	0	201	-0.043		190	95
Sodium	0	0	220		410	
Thallium	0	108	-13		87	81
Vanadium	0	491	12		520	106
Zinc	0	952	11		950	100

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133417
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	97	250000	102
Antimony	0	618	3.7		550	89
Arsenic	0	104	1.3		110	104
Barium	6	537	6.5	109	540	100
Beryllium	0	495	-0.17		540	108
Cadmium	1	972	2.4	240	1100	109
Calcium	245000	235000	260000	105	260000	111
Chromium	52	542	51	99	600	111
Cobalt	0	476	1.6		520	110
Copper	2	511	-3.4	-168	490	95
Iron	101000	99300	110000	107	110000	110
Lead	0	49	-0.53		47	97
Magnesium	255000	248000	250000	99	260000	103
Manganese	7	507	13	183	540	106
Nickel	2	954	1.8	92	1100	110
Potassium	0	0	-120		-210	
Selenium	0	46	7.5		49	107
Silver	0	201	2.1		190	95
Sodium	0	0	660		540	
Thallium	0	108	-1.8		100	97
Vanadium	0	491	6.7		550	111
Zinc	0	952	13		930	98

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133479
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	97
Antimony	0	618	6.2		550	89
Arsenic	0	104	2.5		97	94
Barium	6	537	6.9	115	530	99
Beryllium	0	495	0.76		520	106
Cadmium	1	972	0.58	58	1000	106
Calcium	245000	235000	250000	101	250000	106
Chromium	52	542	51	98	600	111
Cobalt	0	476	-1.9		510	108
Copper	2	511	-3.9	-193	490	95
Iron	101000	99300	100000	100	100000	102
Lead	0	49	-6.8		44	89
Magnesium	255000	248000	240000	94	240000	97
Manganese	7	507	13	180	530	105
Nickel	2	954	3.5	175	1000	108
Potassium	0	0	-95		-490	
Selenium	0	46	-6.4		40	88
Silver	0	201	6.6		190	95
Sodium	0	0	510		450	
Thallium	0	108	-16		87	81
Vanadium	0	491	-8.1		530	108
Zinc	0	952	12		870	92

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133481
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	96
Antimony	0	618	6.3		560	90
Arsenic	0	104	-0.88		100	97
Barium	6	537	5.6	94	530	99
Beryllium	0	495	0.74		540	109
Cadmium	1	972	1.0	104	1000	107
Calcium	245000	235000	250000	101	250000	105
Chromium	52	542	52	100	600	111
Cobalt	0	476	-2.4		510	108
Copper	2	511	0.74	37	490	95
Iron	101000	99300	100000	99	100000	102
Lead	0	49	-1.9		47	97
Magnesium	255000	248000	240000	94	240000	97
Manganese	7	507	13	191	530	105
Nickel	2	954	3.7	187	1000	108
Potassium	0	0	-89		-360	
Selenium	0	46	8.3		46	100
Silver	0	201	6.1		200	97
Sodium	0	0	460		320	
Thallium	0	108	-16		87	81
Vanadium	0	491	-10		540	110
Zinc	0	952	13		890	93