

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ19
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134014
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	250000	99
Antimony	0	618	7.3		590	96
Arsenic	0	104	4.3		110	101
Barium	6	537	6.3	106	540	101
Beryllium	0	495	2.4		540	109
Cadmium	1	972	0.74	74	1000	105
Calcium	245000	235000	250000	104	250000	107
Chromium	52	542	53	102	590	108
Cobalt	0	476	44		540	113
Copper	2	511	-10	-519	480	94
Iron	101000	99300	110000	104	100000	105
Lead	0	49	-3.3		55	111
Magnesium	255000	248000	270000	104	270000	107
Manganese	7	507	13	185	540	106
Nickel	2	954	4.1	205	1000	106
Potassium	0	0	-430		-890	
Selenium	0	46	20		71	154
Silver	0	201	2.5		190	92
Sodium	0	0	390		220	
Thallium	0	108	-19		88	81
Vanadium	0	491	4.2		540	110
Zinc	0	952	-6.0		920	97

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134036
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	250000	100
Antimony	0	618	5.9		560	91
Arsenic	0	104	0.69		110	103
Barium	6	537	4.3	72	550	102
Beryllium	0	495	2.3		540	110
Cadmium	1	972	0.45	45	1000	106
Calcium	245000	235000	250000	101	250000	107
Chromium	52	542	52	100	600	110
Cobalt	0	476	44		540	114
Copper	2	511	-19	-929	480	94
Iron	101000	99300	100000	102	100000	105
Lead	0	49	3.0		51	104
Magnesium	255000	248000	260000	103	260000	107
Manganese	7	507	11	162	540	106
Nickel	2	954	4.7	232	1000	107
Potassium	0	0	-530		-930	
Selenium	0	46	19		68	147
Silver	0	201	2.8		190	95
Sodium	0	0	-570		94	
Thallium	0	108	-1.4		99	92
Vanadium	0	491	3.5		530	108
Zinc	0	952	-32		920	97

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134088
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	95	240000	98
Antimony	0	618	1.1		590	96
Arsenic	0	104	-1.3		100	97
Barium	6	537	5.6	93	540	101
Beryllium	0	495	1.1		540	108
Cadmium	1	972	0.86	86	1000	107
Calcium	245000	235000	250000	101	250000	106
Chromium	52	542	52	99	600	110
Cobalt	0	476	36		540	113
Copper	2	511	-6.6	-332	480	94
Iron	101000	99300	100000	102	100000	104
Lead	0	49	-3.6		47	97
Magnesium	255000	248000	260000	102	260000	106
Manganese	7	507	9.7	138	540	107
Nickel	2	954	2.9	143	1000	109
Potassium	0	0	-190		-710	
Selenium	0	46	13		58	127
Silver	0	201	2.8		180	89
Sodium	0	0	-200		-720	
Thallium	0	108	-10		92	85
Vanadium	0	491	11		530	108
Zinc	0	952	-21		940	98