

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.: MBHMK3
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134162
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	95	240000	97
Antimony	0	618	20		570	92
Arsenic	0	104	-1.8		100	98
Barium	6	537	1.6	26	520	97
Beryllium	0	495	1.5		530	106
Cadmium	1	972	0.73	73	990	102
Calcium	245000	235000	250000	102	250000	106
Chromium	52	542	52	99	580	107
Cobalt	0	476	37		510	108
Copper	2	511	-9.2	-462	460	89
Iron	101000	99300	100000	100	100000	101
Lead	0	49	3.9		48	98
Magnesium	255000	248000	260000	102	260000	105
Manganese	7	507	2.2	31	510	100
Nickel	2	954	0.46	23	980	102
Potassium	0	0	-110		-310	
Selenium	0	46	17		64	138
Silver	0	201	-7.0		200	100
Sodium	0	0	180		200	
Thallium	0	108	10		110	100
Vanadium	0	491	3.8		500	101
Zinc	0	952	-33		910	96

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134174
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	240000	95
Antimony	0	618	21		540	88
Arsenic	0	104	9.4		110	103
Barium	6	537	5.7	96	510	95
Beryllium	0	495	1.5		510	103
Cadmium	1	972	0.66	66	960	98
Calcium	245000	235000	250000	103	240000	104
Chromium	52	542	52	101	580	106
Cobalt	0	476	38		500	105
Copper	2	511	-11	-529	440	85
Iron	101000	99300	100000	101	98000	99
Lead	0	49	-7.1		42	86
Magnesium	255000	248000	270000	104	260000	103
Manganese	7	507	-0.66	-9	500	98
Nickel	2	954	12	575	950	100
Potassium	0	0	-190		-63	
Selenium	0	46	-0.39		45	98
Silver	0	201	-7.9		200	98
Sodium	0	0	27		130	
Thallium	0	108	9.0		100	95
Vanadium	0	491	-5.2		490	99
Zinc	0	952	-38		860	90

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134186
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	97	260000	103
Antimony	0	618	21		610	99
Arsenic	0	104	9.1		120	111
Barium	6	537	7.2	120	560	103
Beryllium	0	495	1.8		550	111
Cadmium	1	972	0.7	70	1000	105
Calcium	245000	235000	250000	103	260000	111
Chromium	52	542	53	101	610	112
Cobalt	0	476	39		530	112
Copper	2	511	-20	-1016	490	97
Iron	101000	99300	100000	101	110000	106
Lead	0	49	0.34		52	106
Magnesium	255000	248000	260000	103	270000	109
Manganese	7	507	3.5	50	520	103
Nickel	2	954	4.5	227	1000	106
Potassium	0	0	410		-460	
Selenium	0	46	24		69	149
Silver	0	201	-2.4		210	105
Sodium	0	0	220		240	
Thallium	0	108	17		120	107
Vanadium	0	491	6.4		530	109
Zinc	0	952	-35		970	102