

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.: MBHHA5
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133543
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	250000	100
Antimony	0	618	8.1		560	90
Arsenic	0	104	6.0		110	102
Barium	6	537	3.7	62	540	100
Beryllium	0	495	-0.081		520	105
Cadmium	1	972	1.8	180	1000	106
Calcium	245000	235000	240000	98	250000	107
Chromium	52	542	49	94	580	107
Cobalt	0	476	-1.5		510	108
Copper	2	511	-2.3	-115	490	95
Iron	101000	99300	100000	99	100000	105
Lead	0	49	0.27		52	107
Magnesium	255000	248000	230000	92	240000	98
Manganese	7	507	11	156	530	103
Nickel	2	954	3.4	170	1000	108
Potassium	0	0	-1100		-1500	
Selenium	0	46	11		52	113
Silver	0	201	-1.7		180	90
Sodium	0	0	580		760	
Thallium	0	108	-3.2		100	95
Vanadium	0	491	-1.7		530	109
Zinc	0	952	12		880	92

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133883
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	95	250000	101
Antimony	0	618	-6.8		560	90
Arsenic	0	104	-9.3		89	86
Barium	6	537	7.3	122	550	102
Beryllium	0	495	1.4		550	110
Cadmium	1	972	0.85	85	1000	104
Calcium	245000	235000	250000	102	260000	109
Chromium	52	542	52	100	620	115
Cobalt	0	476	32		540	114
Copper	2	511	-7.0	-350	490	95
Iron	101000	99300	100000	102	110000	106
Lead	0	49	-9.9		42	87
Magnesium	255000	248000	260000	100	260000	106
Manganese	7	507	10	146	550	108
Nickel	2	954	5.1	256	1100	113
Potassium	0	0	-290		-600	
Selenium	0	46	-16		27	58
Silver	0	201	-7.6		190	94
Sodium	0	0	-51		-94	
Thallium	0	108	7.7		110	101
Vanadium	0	491	0.48		530	108
Zinc	0	952	-36		1100	110

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133949
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	95
Antimony	0	618	14		530	86
Arsenic	0	104	3.3		110	101
Barium	6	537	8.9	149	530	99
Beryllium	0	495	1.5		520	104
Cadmium	1	972	1.0	102	980	100
Calcium	245000	235000	240000	99	240000	103
Chromium	52	542	51	98	580	107
Cobalt	0	476	30		500	106
Copper	2	511	-14	-686	470	91
Iron	101000	99300	100000	100	100000	101
Lead	0	49	0.61		50	102
Magnesium	255000	248000	260000	100	250000	102
Manganese	7	507	11	150	530	104
Nickel	2	954	7.8	392	980	103
Potassium	0	0	-1000		-1800	
Selenium	0	46	-22		21	46
Silver	0	201	-9.9		180	91
Sodium	0	0	1500		1700	
Thallium	0	108	17		120	113
Vanadium	0	491	4.1		530	107
Zinc	0	952	-26		900	94