

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 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

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133409
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	92	240000	98
Antimony	0	618	6.5		560	90
Arsenic	0	104	-6.1		100	98
Barium	6	537	6.0	101	530	99
Beryllium	0	495	1.2		560	114
Cadmium	1	972	2.3	231	1100	109
Calcium	245000	235000	250000	101	260000	109
Chromium	52	542	49	95	590	109
Cobalt	0	476	2.1		520	110
Copper	2	511	-3.8	-191	480	94
Iron	101000	99300	100000	103	110000	107
Lead	0	49	0.36		52	106
Magnesium	255000	248000	240000	94	250000	100
Manganese	7	507	11	152	540	106
Nickel	2	954	1.6	78	1100	110
Potassium	0	0	-43		-150	
Selenium	0	46	2.5		48	104
Silver	0	201	4.7		200	98
Sodium	0	0	250		190	
Thallium	0	108	-11		86	80
Vanadium	0	491	9.9		540	110
Zinc	0	952	13		950	99