

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE4F0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133197
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	250000	99
Antimony	0	618	2.3		540	87
Arsenic	0	104	5.7		91	87
Barium	6	537	5.2	86	530	98
Beryllium	0	495	0.96		540	108
Cadmium	1	972	0.056	6	1000	107
Calcium	245000	235000	260000	104	260000	108
Chromium	52	542	52	101	620	114
Cobalt	0	476	0.66		520	109
Copper	2	511	-7.3	-366	490	96
Iron	101000	99300	110000	106	110000	107
Lead	0	49	0.21		54	110
Magnesium	255000	248000	260000	103	260000	106
Manganese	7	507	15	213	540	107
Nickel	2	954	4.5	223	1000	109
Potassium	0	0	14		90	
Selenium	0	46	-2.7		32	70
Silver	0	201	4.5		200	97
Sodium	0	0	110		120	
Thallium	0	108	-20		87	81
Vanadium	0	491	-8.6		530	109
Zinc	0	952	12		880	93

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 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