

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD3S6
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131248
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	280000	109	280000	113
Antimony	0	618	3.1		610	99
Arsenic	0	104	9.9		110	101
Barium	6	537	6.1	102	530	98
Beryllium	0	495	0.36		530	107
Cadmium	1	972	-2.1	-212	1000	107
Calcium	245000	235000	260000	106	260000	111
Chromium	52	542	57	110	620	114
Cobalt	0	476	-1.4		510	106
Copper	2	511	3.8	191	540	105
Iron	101000	99300	110000	112	110000	114
Lead	0	49	-0.59		51	103
Magnesium	255000	248000	250000	99	250000	102
Manganese	7	507	15	219	550	109
Molybdenum	0	0	-1.6		-1.7	
Nickel	2	954	2.6	130	1000	107
Potassium	0	0	-44		-180	
Selenium	0	46	-3.8		58	126
Silver	0	201	5.9		180	89
Sodium	0	0	110		390	
Thallium	0	108	-15		96	89
Vanadium	0	491	-4.1		510	104
Zinc	0	952	10		1000	106

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131291
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	270000	105	270000	110
Antimony	0	618	4.3		600	98
Arsenic	0	104	-7.9		100	96
Barium	6	537	4.7	78	510	96
Beryllium	0	495	0.46		530	106
Cadmium	1	972	-3.1	-306	1000	107
Calcium	245000	235000	260000	104	260000	110
Chromium	52	542	57	110	620	114
Cobalt	0	476	-0.52		500	106
Copper	2	511	1.5	72	510	100
Iron	101000	99300	110000	108	110000	111
Lead	0	49	5.2		56	113
Magnesium	255000	248000	250000	96	250000	100
Manganese	7	507	15	213	540	107
Molybdenum	0	0	-1.1		-0.49	
Nickel	2	954	2.5	123	1000	107
Potassium	0	0	1.4		-170	
Selenium	0	46	-5.7		42	92
Silver	0	201	3.6		170	86
Sodium	0	0	200		160	
Thallium	0	108	-0.81		110	99
Vanadium	0	491	-1.1		520	106
Zinc	0	952	16		990	104