

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134114
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	96
Antimony	0	618	2.2		530	85
Arsenic	0	104	5.9		110	109
Barium	6	537	-1.2	-19	530	99
Beryllium	0	495	2.2		520	105
Cadmium	1	972	0.3	30	1000	104
Calcium	245000	235000	250000	102	250000	105
Chromium	52	542	52	99	590	108
Cobalt	0	476	38		530	111
Copper	2	511	-16	-810	460	89
Iron	101000	99300	100000	101	100000	102
Lead	0	49	5.7		56	114
Magnesium	255000	248000	260000	102	260000	104
Manganese	7	507	13	190	530	105
Nickel	2	954	3.1	153	1000	105
Potassium	0	0	-140		-870	
Selenium	0	46	-18		25	54
Silver	0	201	0.67		180	87
Sodium	0	0	64		88	
Thallium	0	108	0.84		110	99
Vanadium	0	491	11		530	108
Zinc	0	952	-36		870	91

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134132
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	97	230000	94
Antimony	0	618	3.0		600	97
Arsenic	0	104	1.9		100	98
Barium	6	537	6.9	116	540	101
Beryllium	0	495	1.4		540	109
Cadmium	1	972	0.94	94	1100	109
Calcium	245000	235000	260000	104	240000	102
Chromium	52	542	55	105	620	114
Cobalt	0	476	36		550	115
Copper	2	511	4.1	203	500	97
Iron	101000	99300	110000	104	98000	99
Lead	0	49	7.0		58	118
Magnesium	255000	248000	270000	104	250000	100
Manganese	7	507	8.1	116	550	108
Nickel	2	954	7.3	364	1100	110
Potassium	0	0	-220		-630	
Selenium	0	46	-6.3		39	85
Silver	0	201	-5.9		210	105
Sodium	0	0	130		71	
Thallium	0	108	6.4		100	92
Vanadium	0	491	5.8		530	108
Zinc	0	952	-23		1000	106