

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D28
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134297
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	220000	85	220000	90
Antimony	0	618	8.6		540	88
Arsenic	0	104	0.67		91	88
Barium	6	537	6.8	114	500	92
Beryllium	0	495	-0.65		480	97
Cadmium	1	972	1.5	148	980	101
Calcium	245000	235000	230000	95	240000	100
Chromium	52	542	60	116	600	110
Cobalt	0	476	1.0		500	104
Copper	2	511	-12	-592	470	93
Iron	101000	99300	96000	95	98000	98
Lead	0	49	3.4		54	110
Magnesium	255000	248000	230000	90	230000	94
Manganese	7	507	11	161	510	100
Nickel	2	954	4.2	207	990	104
Potassium	0	0	95		-170	
Selenium	0	46	31		75	163
Silver	0	201	0.62		200	98
Sodium	0	0	-530		-620	
Thallium	0	108	7.3		99	92
Vanadium	0	491	-4.5		470	95
Zinc	0	952	-7.6		960	101

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134314
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	91	230000	94
Antimony	0	618	7.6		540	87
Arsenic	0	104	4.2		94	90
Barium	6	537	7.2	119	500	93
Beryllium	0	495	-0.71		500	100
Cadmium	1	972	0.4	40	990	101
Calcium	245000	235000	240000	98	240000	103
Chromium	52	542	61	116	600	110
Cobalt	0	476	0.75		500	104
Copper	2	511	-6.5	-323	480	94
Iron	101000	99300	100000	100	100000	101
Lead	0	49	3.1		51	105
Magnesium	255000	248000	230000	91	230000	94
Manganese	7	507	13	185	500	99
Nickel	2	954	4.3	217	990	104
Potassium	0	0	-450		-750	
Selenium	0	46	19		64	138
Silver	0	201	-0.073		200	100
Sodium	0	0	330		-85	
Thallium	0	108	5.1		110	102
Vanadium	0	491	-6.6		480	97
Zinc	0	952	-1.7		950	100