

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51988 MA No. : SDG No.: MBHHA0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134591
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	97
Antimony	0	618	4.4		560	90
Arsenic	0	104	1.1		97	93
Barium	6	537	6.5	107	530	98
Beryllium	0	495	2.5		520	106
Cadmium	1	972	0.3	30	990	102
Calcium	245000	235000	250000	104	250000	107
Chromium	52	542	52	100	580	107
Cobalt	0	476	30		520	109
Copper	2	511	-22	-1102	500	98
Iron	101000	99300	100000	101	100000	102
Lead	0	49	-5.2		47	95
Magnesium	255000	248000	250000	96	240000	98
Manganese	7	507	7.2	102	520	103
Nickel	2	954	7.1	353	990	104
Potassium	0	0	-1200		-2300	
Selenium	0	46	-30		21	45
Silver	0	201	1.5		210	103
Sodium	0	0	870		700	
Thallium	0	108	-1.7		100	93
Vanadium	0	491	0.49		510	103
Zinc	0	952	-32		920	96

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134645
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	97
Antimony	0	618	18		580	94
Arsenic	0	104	-3.1		99	95
Barium	6	537	7.4	124	530	99
Beryllium	0	495	3.4		530	107
Cadmium	1	972	2.2	216	1000	103
Calcium	245000	235000	250000	101	250000	106
Chromium	52	542	54	103	590	109
Cobalt	0	476	30		530	111
Copper	2	511	-21	-1048	510	99
Iron	101000	99300	100000	100	100000	103
Lead	0	49	-1.0		50	102
Magnesium	255000	248000	250000	97	250000	100
Manganese	7	507	7.6	108	530	104
Nickel	2	954	7.9	393	1000	106
Potassium	0	0	-1100		-2200	
Selenium	0	46	-25		24	52
Silver	0	201	-5.0		210	102
Sodium	0	0	-13		450	
Thallium	0	108	-1.1		100	94
Vanadium	0	491	-0.47		520	106
Zinc	0	952	-35		920	96