

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134242
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	230000	93
Antimony	0	618	-3.4		530	85
Arsenic	0	104	9.2		100	98
Barium	6	537	9.0	150	500	93
Beryllium	0	495	-0.72		510	103
Cadmium	1	972	0.22	22	1000	104
Calcium	245000	235000	250000	100	240000	101
Chromium	52	542	60	116	590	109
Cobalt	0	476	0.81		510	107
Copper	2	511	-7.1	-356	480	94
Iron	101000	99300	100000	99	97000	98
Lead	0	49	6.5		54	110
Magnesium	255000	248000	250000	97	240000	97
Manganese	7	507	8.1	115	490	96
Nickel	2	954	3.6	181	1000	107
Potassium	0	0	92		-170	
Selenium	0	46	20		65	141
Silver	0	201	-0.66		200	98
Sodium	0	0	51		-240	
Thallium	0	108	3.8		110	103
Vanadium	0	491	-7.5		500	102
Zinc	0	952	-11		1100	115

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134245
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	90	230000	92
Antimony	0	618	11		530	85
Arsenic	0	104	3.3		89	85
Barium	6	537	13	213	500	92
Beryllium	0	495	-0.35		500	102
Cadmium	1	972	0.075	8	940	97
Calcium	245000	235000	230000	95	230000	98
Chromium	52	542	59	114	580	107
Cobalt	0	476	1.1		480	101
Copper	2	511	-9.7	-483	470	92
Iron	101000	99300	95000	94	95000	95
Lead	0	49	4.7		53	108
Magnesium	255000	248000	240000	94	240000	95
Manganese	7	507	9.0	128	490	96
Nickel	2	954	4.0	200	960	101
Potassium	0	0	-740		-820	
Selenium	0	46	16		59	127
Silver	0	201	-0.97		200	99
Sodium	0	0	-1200		-1100	
Thallium	0	108	0.87		100	95
Vanadium	0	491	-0.84		490	99
Zinc	0	952	-2.2		1100	111