

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.: MYD5X4
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131394
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	270000	107	260000	107
Antimony	0	618	4.7		580	93
Arsenic	0	104	-6.6		100	96
Barium	6	537	7.2	120	490	91
Beryllium	0	495	-0.14		510	102
Cadmium	1	972	0.65	65	1000	106
Calcium	245000	235000	260000	106	250000	107
Chromium	52	542	56	107	590	108
Cobalt	0	476	-1.2		500	105
Copper	2	511	1.5	76	490	96
Iron	101000	99300	110000	108	110000	107
Lead	0	49	-2.5		52	107
Magnesium	255000	248000	250000	98	240000	98
Manganese	7	507	14	200	510	100
Molybdenum	0	0	-1.2		-1.5	
Nickel	2	954	3.8	188	1000	105
Potassium	0	0	-190		-220	
Selenium	0	46	15		59	129
Silver	0	201	0.004		180	88
Sodium	0	0	76		17	
Thallium	0	108	-0.92		100	96
Vanadium	0	491	2.4		490	100
Zinc	0	952	8.8		890	94

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131408
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	260000	102	270000	109
Antimony	0	618	4.2		570	92
Arsenic	0	104	5.9		95	91
Barium	6	537	5.3	89	530	99
Beryllium	0	495	0.13		540	110
Cadmium	1	972	0.99	99	1000	104
Calcium	245000	235000	250000	102	260000	111
Chromium	52	542	53	102	610	112
Cobalt	0	476	-1.9		490	103
Copper	2	511	1.1	54	540	105
Iron	101000	99300	110000	104	110000	110
Lead	0	49	0.99		51	103
Magnesium	255000	248000	240000	95	250000	101
Manganese	7	507	13	188	560	111
Molybdenum	0	0	-0.37		-0.64	
Nickel	2	954	4.8	241	1000	104
Potassium	0	0	-18		-72	
Selenium	0	46	-20		31	67
Silver	0	201	-2.7		190	93
Sodium	0	0	-6.6		-170	
Thallium	0	108	-4.2		100	96
Vanadium	0	491	-2.6		520	106
Zinc	0	952	15		960	101