

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8D0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134905
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	90	230000	91
Antimony	0	618	12		560	91
Arsenic	0	104	0.069		90	86
Barium	6	537	5.3	88	500	93
Beryllium	0	495	-0.45		520	105
Cadmium	1	972	1.3	132	1000	105
Calcium	245000	235000	240000	100	240000	102
Chromium	52	542	53	102	600	111
Cobalt	0	476	1.5		510	108
Copper	2	511	-5.5	-273	510	100
Iron	101000	99300	100000	100	100000	100
Lead	0	49	3.8		53	109
Magnesium	255000	248000	240000	94	230000	94
Manganese	7	507	12	165	510	101
Nickel	2	954	4.3	215	1000	108
Potassium	0	0	-61		-280	
Selenium	0	46	17		65	142
Silver	0	201	-0.78		200	100
Sodium	0	0	220		130	
Thallium	0	108	-1.2		110	102
Vanadium	0	491	-5.5		500	103
Zinc	0	952	-6.3		990	104

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134916
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	220000	85	220000	90
Antimony	0	618	6.6		540	88
Arsenic	0	104	3.8		97	93
Barium	6	537	7.1	118	500	92
Beryllium	0	495	-0.19		510	103
Cadmium	1	972	0.16	16	990	102
Calcium	245000	235000	240000	96	230000	100
Chromium	52	542	53	101	590	109
Cobalt	0	476	1.4		500	105
Copper	2	511	-2.5	-127	500	98
Iron	101000	99300	97000	96	97000	98
Lead	0	49	2.3		52	107
Magnesium	255000	248000	230000	90	230000	93
Manganese	7	507	11	159	520	102
Nickel	2	954	4.7	235	1000	105
Potassium	0	0	-200		-530	
Selenium	0	46	12		55	119
Silver	0	201	-2.3		200	99
Sodium	0	0	81		-46	
Thallium	0	108	-5.2		94	87
Vanadium	0	491	-8.2		490	100
Zinc	0	952	-7.4		980	103

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Analytical Method: ICP-AES ICSA Source: EPA-1211
Instrument ID: P4 ICSB Source: EPA-0710
Run Batch: LB134953
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	220000	87	230000	92
Calcium	245000	235000	240000	97	240000	103
Iron	101000	99300	99000	98	100000	102
Magnesium	255000	248000	230000	92	240000	96
Manganese	7	507	21	299	540	107
Potassium	0	0	-170		-360	
Sodium	0	0	-800		-580	