

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133479
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	97
Antimony	0	618	6.2		550	89
Arsenic	0	104	2.5		97	94
Barium	6	537	6.9	115	530	99
Beryllium	0	495	0.76		520	106
Cadmium	1	972	0.58	58	1000	106
Calcium	245000	235000	250000	101	250000	106
Chromium	52	542	51	98	600	111
Cobalt	0	476	-1.9		510	108
Copper	2	511	-3.9	-193	490	95
Iron	101000	99300	100000	100	100000	102
Lead	0	49	-6.8		44	89
Magnesium	255000	248000	240000	94	240000	97
Manganese	7	507	13	180	530	105
Nickel	2	954	3.5	175	1000	108
Potassium	0	0	-95		-490	
Selenium	0	46	-6.4		40	88
Silver	0	201	6.6		190	95
Sodium	0	0	510		450	
Thallium	0	108	-16		87	81
Vanadium	0	491	-8.1		530	108
Zinc	0	952	12		870	92

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133481
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	96
Antimony	0	618	6.3		560	90
Arsenic	0	104	-0.88		100	97
Barium	6	537	5.6	94	530	99
Beryllium	0	495	0.74		540	109
Cadmium	1	972	1.0	104	1000	107
Calcium	245000	235000	250000	101	250000	105
Chromium	52	542	52	100	600	111
Cobalt	0	476	-2.4		510	108
Copper	2	511	0.74	37	490	95
Iron	101000	99300	100000	99	100000	102
Lead	0	49	-1.9		47	97
Magnesium	255000	248000	240000	94	240000	97
Manganese	7	507	13	191	530	105
Nickel	2	954	3.7	187	1000	108
Potassium	0	0	-89		-360	
Selenium	0	46	8.3		46	100
Silver	0	201	6.1		200	97
Sodium	0	0	460		320	
Thallium	0	108	-16		87	81
Vanadium	0	491	-10		540	110
Zinc	0	952	13		890	93

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133486
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	92	230000	95
Antimony	0	618	3.9		550	89
Arsenic	0	104	8.6		88	85
Barium	6	537	4.9	82	530	99
Beryllium	0	495	0.95		540	109
Cadmium	1	972	0.58	58	1000	107
Calcium	245000	235000	250000	100	250000	104
Chromium	52	542	53	102	600	110
Cobalt	0	476	-2.0		510	107
Copper	2	511	-5.5	-273	480	94
Iron	101000	99300	100000	99	100000	100
Lead	0	49	-6.5		48	98
Magnesium	255000	248000	240000	93	240000	96
Manganese	7	507	13	182	530	105
Nickel	2	954	4.3	212	1000	108
Potassium	0	0	-240		-310	
Selenium	0	46	-6.9		44	96
Silver	0	201	6.4		190	95
Sodium	0	0	590		230	
Thallium	0	108	-12		99	92
Vanadium	0	491	-0.003		540	110
Zinc	0	952	11		870	92