

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE516
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133379
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	250000	100
Antimony	0	618	2.7		580	94
Arsenic	0	104	-9.2		110	104
Barium	6	537	7.3	122	530	99
Beryllium	0	495	0.43		530	107
Cadmium	1	972	-0.031	-3	1000	107
Calcium	245000	235000	250000	104	260000	109
Chromium	52	542	54	104	610	112
Cobalt	0	476	1.4		520	109
Copper	2	511	-14	-675	490	96
Iron	101000	99300	110000	105	110000	108
Lead	0	49	-5.9		48	97
Magnesium	255000	248000	250000	99	260000	103
Manganese	7	507	14	193	540	107
Nickel	2	954	4.6	231	1000	109
Potassium	0	0	-150		-430	
Selenium	0	46	-17		37	80
Silver	0	201	3.0		190	95
Sodium	0	0	-220		91	
Thallium	0	108	-22		86	80
Vanadium	0	491	3.2		540	109
Zinc	0	952	17		980	103

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE516
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133387
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	95	240000	98
Antimony	0	618	-1.7		550	90
Arsenic	0	104	9.6		98	95
Barium	6	537	6.4	106	540	100
Beryllium	0	495	0.66		530	107
Cadmium	1	972	1.2	122	1100	109
Calcium	245000	235000	250000	103	250000	108
Chromium	52	542	51	98	610	112
Cobalt	0	476	1.8		520	110
Copper	2	511	-4.0	-200	480	94
Iron	101000	99300	110000	104	110000	106
Lead	0	49	-3.0		47	97
Magnesium	255000	248000	250000	96	250000	99
Manganese	7	507	10	144	540	107
Nickel	2	954	3.6	181	1100	110
Potassium	0	0	34		-260	
Selenium	0	46	-5.2		47	103
Silver	0	201	2.4		190	95
Sodium	0	0	630		540	
Thallium	0	108	-21		85	79
Vanadium	0	491	-6.8		540	110
Zinc	0	952	12		960	101

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE516
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133417
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	97	250000	102
Antimony	0	618	3.7		550	89
Arsenic	0	104	1.3		110	104
Barium	6	537	6.5	109	540	100
Beryllium	0	495	-0.17		540	108
Cadmium	1	972	2.4	240	1100	109
Calcium	245000	235000	260000	105	260000	111
Chromium	52	542	51	99	600	111
Cobalt	0	476	1.6		520	110
Copper	2	511	-3.4	-168	490	95
Iron	101000	99300	110000	107	110000	110
Lead	0	49	-0.53		47	97
Magnesium	255000	248000	250000	99	260000	103
Manganese	7	507	13	183	540	106
Nickel	2	954	1.8	92	1100	110
Potassium	0	0	-120		-210	
Selenium	0	46	7.5		49	107
Silver	0	201	2.1		190	95
Sodium	0	0	660		540	
Thallium	0	108	-1.8		100	97
Vanadium	0	491	6.7		550	111
Zinc	0	952	13		930	98