

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.: MYD4Q8
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131424
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	260000	101	260000	105
Antimony	0	618	11		580	93
Arsenic	0	104	0.18		110	103
Barium	6	537	6.6	109	530	98
Beryllium	0	495	-0.031		530	106
Cadmium	1	972	0.28	29	1000	105
Calcium	245000	235000	250000	103	250000	108
Chromium	52	542	53	101	600	110
Cobalt	0	476	-1.3		500	104
Copper	2	511	-2.6	-130	520	102
Iron	101000	99300	110000	104	110000	107
Lead	0	49	4.1		53	109
Magnesium	255000	248000	240000	95	250000	99
Manganese	7	507	12	164	550	108
Molybdenum	0	0	-1.2		-0.88	
Nickel	2	954	7.0	350	1000	105
Potassium	0	0	-190		-250	
Selenium	0	46	-14		28	61
Silver	0	201	-3.5		180	91
Sodium	0	0	-110		200	
Thallium	0	108	-2.8		110	98
Vanadium	0	491	1.0		510	104
Zinc	0	952	17		960	101

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 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131438
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	98	260000	103
Antimony	0	618	5.0		580	93
Arsenic	0	104	-1.9		100	99
Barium	6	537	4.1	69	520	97
Beryllium	0	495	-0.074		520	105
Cadmium	1	972	0.6	60	1000	105
Calcium	245000	235000	250000	101	250000	106
Chromium	52	542	52	100	600	111
Cobalt	0	476	-1.5		500	105
Copper	2	511	-0.054	-3	520	101
Iron	101000	99300	100000	101	100000	105
Lead	0	49	-1.0		50	101
Magnesium	255000	248000	240000	93	240000	97
Manganese	7	507	11	154	540	107
Molybdenum	0	0	-0.82		-0.14	
Nickel	2	954	7.2	358	1000	105
Potassium	0	0	55		32	
Selenium	0	46	-13		31	67
Silver	0	201	-3.5		190	92
Sodium	0	0	-190		-270	
Thallium	0	108	-1.1		100	95
Vanadium	0	491	-2.1		510	104
Zinc	0	952	20		950	100

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131456
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	99	250000	103
Antimony	0	618	7.6		580	93
Arsenic	0	104	-4.5		97	94
Barium	6	537	6.3	105	520	97
Beryllium	0	495	0.039		520	105
Cadmium	1	972	2.2	215	1000	104
Calcium	245000	235000	250000	100	250000	105
Chromium	52	542	56	107	610	112
Cobalt	0	476	-1.2		500	104
Copper	2	511	-0.67	-33	520	102
Iron	101000	99300	100000	102	100000	104
Lead	0	49	-1.7		48	98
Magnesium	255000	248000	240000	93	240000	96
Manganese	7	507	14	198	540	107
Molybdenum	0	0	-1.1		-0.62	
Nickel	2	954	5.9	297	1000	105
Potassium	0	0	-350		-400	
Selenium	0	46	-15		35	76
Silver	0	201	-0.84		190	92
Sodium	0	0	-110		53	
Thallium	0	108	-5.4		110	98
Vanadium	0	491	1.5		510	104
Zinc	0	952	19		970	102