

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134438
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	88	230000	94
Antimony	0	618	6.9		560	91
Arsenic	0	104	0.83		98	94
Barium	6	537	7.9	132	490	92
Beryllium	0	495	-0.7		520	104
Cadmium	1	972	0.51	51	1000	105
Calcium	245000	235000	240000	98	250000	105
Chromium	52	542	60	115	620	113
Cobalt	0	476	0.87		510	107
Copper	2	511	-7.6	-382	490	95
Iron	101000	99300	99000	98	100000	103
Lead	0	49	5.5		58	117
Magnesium	255000	248000	230000	91	240000	97
Manganese	7	507	10	143	510	101
Nickel	2	954	3.1	152	1000	107
Potassium	0	0	-100		-330	
Selenium	0	46	20		64	140
Silver	0	201	-1.2		200	102
Sodium	0	0	-440		-540	
Thallium	0	108	1.9		110	102
Vanadium	0	491	-6.2		490	99
Zinc	0	952	-9.6		970	102

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134460
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	220000	87	220000	90
Antimony	0	618	5.0		590	96
Arsenic	0	104	1.8		99	95
Barium	6	537	6.0	100	500	93
Beryllium	0	495	-0.49		520	105
Cadmium	1	972	0.79	79	1000	104
Calcium	245000	235000	230000	95	240000	101
Chromium	52	542	60	115	610	113
Cobalt	0	476	0.86		510	108
Copper	2	511	-1.6	-80	490	96
Iron	101000	99300	97000	96	99000	99
Lead	0	49	3.7		54	110
Magnesium	255000	248000	230000	90	230000	94
Manganese	7	507	19	270	520	102
Nickel	2	954	2.4	119	1000	107
Potassium	0	0	-72		-240	
Selenium	0	46	13		66	143
Silver	0	201	-1.5		200	100
Sodium	0	0	-320		-560	
Thallium	0	108	-2.5		110	99
Vanadium	0	491	-5.6		490	100
Zinc	0	952	-6.6		970	101

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134475
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	88	220000	90
Antimony	0	618	6.6		580	93
Arsenic	0	104	5.8		96	92
Barium	6	537	6.5	108	500	92
Beryllium	0	495	-0.6		510	102
Cadmium	1	972	-0.16	-16	980	101
Calcium	245000	235000	240000	97	230000	100
Chromium	52	542	61	117	600	111
Cobalt	0	476	1.1		500	105
Copper	2	511	-4.2	-209	490	95
Iron	101000	99300	98000	97	97000	97
Lead	0	49	3.5		53	109
Magnesium	255000	248000	230000	91	230000	92
Manganese	7	507	19	266	510	100
Nickel	2	954	2.7	135	1000	104
Potassium	0	0	-75		-280	
Selenium	0	46	24		69	150
Silver	0	201	-2.3		200	99
Sodium	0	0	-160		-130	
Thallium	0	108	3.1		100	92
Vanadium	0	491	-4.0		490	99
Zinc	0	952	-8.7		960	101

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB134517
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	220000	85	230000	92
Antimony	0	618	7.8		540	87
Arsenic	0	104	2.1		110	101
Barium	6	537	4.5	75	510	95
Beryllium	0	495	-0.46		500	101
Cadmium	1	972	0.25	25	1000	104
Calcium	245000	235000	230000	93	240000	102
Chromium	52	542	61	118	600	111
Cobalt	0	476	0.81		510	107
Copper	2	511	-5.1	-257	490	96
Iron	101000	99300	96000	95	100000	101
Lead	0	49	1.8		53	109
Magnesium	255000	248000	230000	89	240000	96
Manganese	7	507	9.6	137	520	102
Nickel	2	954	3.2	160	1000	107
Potassium	0	0	-250		-290	
Selenium	0	46	16		65	142
Silver	0	201	-3.1		200	99
Sodium	0	0	-150		-630	
Thallium	0	108	-3.7		100	95
Vanadium	0	491	-6.7		490	100
Zinc	0	952	-6.4		970	102

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134617
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	95
Antimony	0	618	3.9		540	87
Arsenic	0	104	-2.4		97	93
Barium	6	537	7.0	117	520	97
Beryllium	0	495	2.6		510	103
Cadmium	1	972	0.93	93	980	101
Calcium	245000	235000	250000	102	250000	105
Chromium	52	542	52	101	590	108
Cobalt	0	476	30		520	109
Copper	2	511	-14	-695	490	96
Iron	101000	99300	100000	100	99000	100
Lead	0	49	1.8		51	103
Magnesium	255000	248000	250000	97	240000	98
Manganese	7	507	6.1	87	510	100
Nickel	2	954	7.1	352	980	103
Potassium	0	0	-1000		-2500	
Selenium	0	46	-26		25	55
Silver	0	201	-8.3		200	100
Sodium	0	0	110		250	
Thallium	0	108	-3.2		97	90
Vanadium	0	491	-0.22		490	101
Zinc	0	952	-34		900	94