

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDAD3
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133025
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	95	240000	97
Antimony	0	618	-1.1		530	86
Arsenic	0	104	1.2		89	86
Barium	6	537	7.0	117	520	97
Beryllium	0	495	1.3		530	108
Cadmium	1	972	-0.91	-91	970	99
Calcium	245000	235000	250000	103	250000	106
Chromium	52	542	52	100	590	108
Cobalt	0	476	1.4		500	105
Copper	2	511	-0.94	-47	480	93
Iron	101000	99300	110000	104	100000	105
Lead	0	49	-6.2		47	96
Magnesium	255000	248000	250000	99	250000	100
Manganese	7	507	12	174	540	106
Nickel	2	954	3.7	183	1000	106
Potassium	0	0	120		-4.0	
Selenium	0	46	-3.5		48	104
Silver	0	201	5.9		210	103
Sodium	0	0	340		150	
Thallium	0	108	-17		86	79
Vanadium	0	491	3.3		520	105
Zinc	0	952	12		900	95

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133036
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	97
Antimony	0	618	1.7		530	86
Arsenic	0	104	9.2		89	85
Barium	6	537	4.6	77	500	94
Beryllium	0	495	1.3		510	103
Cadmium	1	972	1.1	110	940	97
Calcium	245000	235000	250000	103	250000	106
Chromium	52	542	51	98	590	109
Cobalt	0	476	1.2		490	103
Copper	2	511	-5.1	-255	470	91
Iron	101000	99300	110000	104	100000	105
Lead	0	49	-2.1		46	94
Magnesium	255000	248000	250000	98	250000	100
Manganese	7	507	12	173	520	103
Nickel	2	954	3.9	195	980	103
Potassium	0	0	200		170	
Selenium	0	46	1.0		38	82
Silver	0	201	4.2		200	101
Sodium	0	0	-350		-370	
Thallium	0	108	-14		86	80
Vanadium	0	491	8.5		510	103
Zinc	0	952	11		890	93

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133105
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	250000	101
Antimony	0	618	-0.83		550	89
Arsenic	0	104	9.5		98	94
Barium	6	537	5.2	86	530	98
Beryllium	0	495	1.5		530	106
Cadmium	1	972	0.88	88	990	102
Calcium	245000	235000	250000	102	260000	110
Chromium	52	542	51	99	610	113
Cobalt	0	476	2.1		510	108
Copper	2	511	-3.8	-189	490	96
Iron	101000	99300	110000	104	110000	109
Lead	0	49	0.4		49	101
Magnesium	255000	248000	240000	95	250000	102
Manganese	7	507	9.8	140	540	107
Nickel	2	954	4.2	208	1000	108
Potassium	0	0	39		-88	
Selenium	0	46	7.4		40	86
Silver	0	201	5.6		190	95
Sodium	0	0	270		290	
Thallium	0	108	-18		87	81
Vanadium	0	491	-9.4		530	107
Zinc	0	952	12		940	99