

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51981 MA No. : SDG No.: E1491
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB134591
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	94	240000	97
Antimony	0	618	4.4		560	90
Arsenic	0	104	1.1		97	93
Barium	6	537	6.5	107	530	98
Beryllium	0	495	2.5		520	106
Cadmium	1	972	0.3	30	990	102
Calcium	245000	235000	250000	104	250000	107
Chromium	52	542	52	100	580	107
Cobalt	0	476	30		520	109
Copper	2	511	-22	-1102	500	98
Iron	101000	99300	100000	101	100000	102
Lead	0	49	-5.2		47	95
Magnesium	255000	248000	250000	96	240000	98
Manganese	7	507	7.2	102	520	103
Nickel	2	954	7.1	353	990	104
Potassium	0	0	-1200		-2300	
Selenium	0	46	-30		21	45
Silver	0	201	1.5		210	103
Sodium	0	0	870		700	
Thallium	0	108	-1.7		100	93
Vanadium	0	491	0.49		510	103
Zinc	0	952	-32		920	96

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 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