

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.: MYD0B5
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133008
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	240000	93	240000	98
Antimony	0	618	4.3		540	87
Arsenic	0	104	1.9		100	97
Barium	6	537	4.8	81	520	96
Beryllium	0	495	0.71		540	109
Cadmium	1	972	-0.64	-64	980	101
Calcium	245000	235000	240000	100	250000	108
Chromium	52	542	51	97	590	109
Cobalt	0	476	1.2		510	107
Copper	2	511	-1.2	-62	480	94
Iron	101000	99300	100000	101	110000	106
Lead	0	49	-2.1		50	101
Magnesium	255000	248000	240000	96	250000	101
Manganese	7	507	12	167	540	106
Nickel	2	954	4.8	241	1000	107
Potassium	0	0	150		-88	
Selenium	0	46	-8.5		28	61
Silver	0	201	3.1		210	106
Sodium	0	0	-28		250	
Thallium	0	108	-0.2		100	95
Vanadium	0	491	5.0		520	107
Zinc	0	952	11		870	92

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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