

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VH4
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB133486
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	230000	92	230000	95
Antimony	0	618	3.9		550	89
Arsenic	0	104	8.6		88	85
Barium	6	537	4.9	82	530	99
Beryllium	0	495	0.95		540	109
Cadmium	1	972	0.58	58	1000	107
Calcium	245000	235000	250000	100	250000	104
Chromium	52	542	53	102	600	110
Cobalt	0	476	-2.0		510	107
Copper	2	511	-5.5	-273	480	94
Iron	101000	99300	100000	99	100000	100
Lead	0	49	-6.5		48	98
Magnesium	255000	248000	240000	93	240000	96
Manganese	7	507	13	182	530	105
Nickel	2	954	4.3	212	1000	108
Potassium	0	0	-240		-310	
Selenium	0	46	-6.9		44	96
Silver	0	201	6.4		190	95
Sodium	0	0	590		230	
Thallium	0	108	-12		99	92
Vanadium	0	491	-0.003		540	110
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: LB133522
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	96	250000	101
Antimony	0	618	4.0		560	91
Arsenic	0	104	1.5		100	98
Barium	6	537	5.6	93	540	101
Beryllium	0	495	-0.087		530	107
Cadmium	1	972	2.1	207	1100	108
Calcium	245000	235000	260000	104	260000	110
Chromium	52	542	51	98	600	111
Cobalt	0	476	-1.3		520	109
Copper	2	511	-4.6	-230	490	96
Iron	101000	99300	100000	103	110000	107
Lead	0	49	-4.2		48	97
Magnesium	255000	248000	240000	95	250000	100
Manganese	7	507	12	174	540	106
Nickel	2	954	3.2	162	1000	109
Potassium	0	0	-310		-790	
Selenium	0	46	2.1		47	103
Silver	0	201	6.4		190	96
Sodium	0	0	680		65	
Thallium	0	108	-7.4		100	95
Vanadium	0	491	0.87		540	109
Zinc	0	952	12		900	94