

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD4C6
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131457
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	260000	100	260000	104
Antimony	0	618	9.4		580	94
Arsenic	0	104	-1.4		98	94
Barium	6	537	6.6	110	520	97
Beryllium	0	495	-0.084		520	105
Cadmium	1	972	-0.81	-81	1000	106
Calcium	245000	235000	250000	101	250000	106
Chromium	52	542	52	100	600	111
Cobalt	0	476	-0.96		500	104
Copper	2	511	-0.32	-16	510	100
Iron	101000	99300	100000	103	100000	105
Lead	0	49	1.5		50	102
Magnesium	255000	248000	240000	94	240000	97
Manganese	7	507	12	167	540	107
Molybdenum	0	0	-1.4		-0.61	
Nickel	2	954	7.4	371	1000	106
Potassium	0	0	1.1		-44	
Selenium	0	46	-13		33	72
Silver	0	201	-2.7		180	91
Sodium	0	0	110		-100	
Thallium	0	108	-3.2		110	100
Vanadium	0	491	0.94		510	103
Zinc	0	952	13		950	100

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 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P5 ICSB Source: EPA-0710
 Run Batch: LB131513
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	250000	98	250000	102
Antimony	0	618	7.9		550	90
Arsenic	0	104	-0.33		93	89
Barium	6	537	6.1	102	510	95
Beryllium	0	495	0.062		510	103
Cadmium	1	972	0.22	22	970	100
Calcium	245000	235000	250000	100	250000	104
Chromium	52	542	56	108	590	109
Cobalt	0	476	-1.7		480	102
Copper	2	511	-11	-534	490	97
Iron	101000	99300	100000	102	100000	104
Lead	0	49	-5.6		46	94
Magnesium	255000	248000	240000	93	240000	96
Manganese	7	507	13	184	530	104
Nickel	2	954	5.9	294	980	102
Potassium	0	0	-68		-170	
Selenium	0	46	-11		36	79
Silver	0	201	-0.73		200	100
Sodium	0	0	60		94	
Thallium	0	108	-3.7		99	92
Vanadium	0	491	5.3		500	102
Zinc	0	952	17		950	100