

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.: MYD5N0
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB132794
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	90000	90	88000	88
Antimony	1.5	22	1.1	75	21	95
Arsenic	0.1	19	0.44	440	21	111
Barium	1.2	22	1.4	115	21	96
Beryllium	0	19	0.42		18	96
Cadmium	0.7	20	0.85	121	20	100
Calcium	100000	100000	94000	94	95000	95
Chromium	21	40	19	88	37	93
Cobalt	1	20	1.1	112	20	99
Copper	8	25	7.4	93	27	107
Iron	100000	100000	100000	101	100000	102
Lead	4	25	4.3	108	27	108
Magnesium	100000	100000	100000	100	99000	99
Manganese	7	27	7.2	103	26	95
Nickel	6	24	4.9	81	23	96
Potassium	100000	100000	94000	94	95000	95
Selenium	0.3	19	0.17	57	21	109
Silver	0	18	0.09		18	98
Sodium	100000	100000	100000	100	99000	99
Thallium	0	21	0.17		23	110
Vanadium	0.5	19	0.16	32	19	97
Zinc	11	29	10	91	29	99

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133015
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	85000	85	84000	84
Antimony	1.5	22	1.0	69	19	88
Arsenic	0.1	19	0.33	330	20	104
Barium	1.2	22	1.3	107	19	86
Beryllium	0	19	0.3		20	105
Cadmium	0.7	20	0.12	17	19	97
Calcium	100000	100000	95000	95	94000	94
Chromium	21	40	20	93	39	96
Cobalt	1	20	1.3	126	21	103
Copper	8	25	7.4	92	25	101
Iron	100000	100000	98000	98	96000	96
Lead	4	25	3.8	94	23	93
Magnesium	100000	100000	87000	87	87000	87
Manganese	7	27	8.1	115	27	101
Nickel	6	24	5.4	90	24	101
Potassium	100000	100000	93000	93	91000	91
Selenium	0.3	19	-0.45	0	20	107
Silver	0	18	0.05		18	97
Sodium	100000	100000	93000	93	92000	92
Thallium	0	21	0.06		22	105
Vanadium	0.5	19	0.21	42	19	101
Zinc	11	29	11	100	30	104