

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.: MYD0W8
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133117
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	91000	91	87000	87
Antimony	1.5	22	1.2	77	20	92
Arsenic	0.1	19	0.3	300	20	104
Barium	1.2	22	1.4	113	20	89
Beryllium	0	19	0.27		19	98
Cadmium	0.7	20	0.28	40	19	95
Calcium	100000	100000	97000	97	95000	95
Chromium	21	40	20	97	39	98
Cobalt	1	20	1.3	126	20	101
Copper	8	25	7.2	89	25	98
Iron	100000	100000	100000	101	97000	97
Lead	4	25	4.0	99	24	94
Magnesium	100000	100000	98000	98	94000	94
Manganese	7	27	8.0	114	27	99
Nickel	6	24	5.3	88	24	100
Potassium	100000	100000	95000	95	91000	91
Selenium	0.3	19	0.17	57	19	102
Silver	0	18	0.07		19	103
Sodium	100000	100000	100000	100	96000	96
Thallium	0	21	0.09		20	95
Vanadium	0.5	19	0.18	36	20	103
Zinc	11	29	11	97	29	100

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133137
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	91000	91	90000	89
Antimony	1.5	22	1.1	75	20	93
Arsenic	0.1	19	0.36	360	19	101
Barium	1.2	22	1.4	118	20	90
Beryllium	0	19	0.3		20	106
Cadmium	0.7	20	0.12	17	19	96
Calcium	100000	100000	97000	97	97000	97
Chromium	21	40	21	98	40	101
Cobalt	1	20	1.3	127	21	104
Copper	8	25	7.5	94	25	101
Iron	100000	100000	100000	100	100000	100
Lead	4	25	4.0	100	24	95
Magnesium	100000	100000	97000	97	96000	96
Manganese	7	27	8.6	122	28	103
Nickel	6	24	5.5	91	25	102
Potassium	100000	100000	94000	94	94000	94
Selenium	0.3	19	0.13	43	19	99
Silver	0	18	0.03		19	103
Sodium	100000	100000	98000	98	97000	97
Thallium	0	21	0.09		21	98
Vanadium	0.5	19	0.22	44	20	105
Zinc	11	29	14	123	27	94