

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE596
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133416
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	93000	93	90000	90
Antimony	1.5	22	1.1	76	21	97
Arsenic	0.1	19	0.32	320	20	106
Barium	1.2	22	1.5	122	21	97
Beryllium	0	19	0.3		20	107
Cadmium	0.7	20	0.39	56	21	102
Calcium	100000	100000	100000	102	100000	100
Chromium	21	40	20	95	39	98
Cobalt	1	20	1.3	125	21	104
Copper	8	25	7.1	89	26	102
Iron	100000	100000	100000	104	100000	103
Lead	4	25	4.6	115	25	98
Magnesium	100000	100000	100000	101	98000	98
Manganese	7	27	8.0	114	27	101
Nickel	6	24	5.3	88	25	103
Potassium	100000	100000	100000	101	99000	99
Selenium	0.3	19	0.4	133	19	101
Silver	0	18	0.03		19	107
Sodium	100000	100000	97000	97	96000	96
Thallium	0	21	0.12		21	98
Vanadium	0.5	19	0.17	34	19	101
Zinc	11	29	11	99	30	105

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133439
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	92000	92
Antimony	1.5	22	1.1	74	21	97
Arsenic	0.1	19	0.34	340	21	109
Barium	1.2	22	1.4	118	22	98
Beryllium	0	19	0.28		21	112
Cadmium	0.7	20	0.11	16	20	101
Calcium	100000	100000	100000	102	100000	104
Chromium	21	40	21	97	41	102
Cobalt	1	20	1.3	127	22	109
Copper	8	25	7.4	93	27	106
Iron	100000	100000	100000	104	100000	104
Lead	4	25	4.5	112	25	99
Magnesium	100000	100000	100000	100	99000	99
Manganese	7	27	8.1	116	28	104
Nickel	6	24	5.5	91	26	107
Potassium	100000	100000	99000	99	99000	99
Selenium	0.3	19	0	0	20	106
Silver	0	18	0.02		19	108
Sodium	100000	100000	100000	100	100000	99
Thallium	0	21	0.08		21	98
Vanadium	0.5	19	0.18	36	20	106
Zinc	11	29	12	107	33	112