

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133538
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	90000	90	87000	87
Antimony	1.5	22	1.1	72	20	91
Arsenic	0.1	19	0.34	340	19	102
Barium	1.2	22	1.4	113	21	93
Beryllium	0	19	0.27		20	103
Cadmium	0.7	20	0.24	34	19	95
Calcium	100000	100000	96000	96	97000	97
Chromium	21	40	20	94	38	94
Cobalt	1	20	1.2	121	20	100
Copper	8	25	7.2	90	25	99
Iron	100000	100000	100000	102	98000	98
Lead	4	25	4.3	109	24	97
Magnesium	100000	100000	92000	92	89000	89
Manganese	7	27	7.5	107	25	94
Nickel	6	24	5.3	89	24	98
Potassium	100000	100000	95000	95	92000	92
Selenium	0.3	19	0.09	30	19	101
Silver	0	18	0.03		18	102
Sodium	100000	100000	100000	100	96000	96
Thallium	0	21	0.1		21	99
Vanadium	0.5	19	0.18	36	19	98
Zinc	11	29	9.6	87	27	94

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 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133596
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	92000	92
Antimony	1.5	22	1.2	78	22	98
Arsenic	0.1	19	0.34	340	21	108
Barium	1.2	22	1.4	120	22	100
Beryllium	0	19	0.29		20	106
Cadmium	0.7	20	0.27	39	20	102
Calcium	100000	100000	100000	101	100000	101
Chromium	21	40	21	99	41	103
Cobalt	1	20	1.3	125	22	108
Copper	8	25	7.5	93	27	107
Iron	100000	100000	100000	104	100000	104
Lead	4	25	4.7	117	26	104
Magnesium	100000	100000	96000	96	96000	96
Manganese	7	27	7.9	113	28	103
Nickel	6	24	5.7	95	26	106
Potassium	100000	100000	99000	99	99000	99
Selenium	0.3	19	0	0	20	103
Silver	0	18	0.03		20	109
Sodium	100000	100000	100000	101	100000	101
Thallium	0	21	0.11		22	106
Vanadium	0.5	19	0.19	38	20	106
Zinc	11	29	10	94	30	103