

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.: MYD5K6
 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

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133019
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	87000	87	87000	87
Antimony	1.5	22	1.1	75	21	94
Arsenic	0.1	19	0.48	480	21	110
Barium	1.2	22	1.4	113	20	90
Beryllium	0	19	0.43		20	108
Cadmium	0.7	20	0.32	46	19	95
Calcium	100000	100000	96000	96	97000	97
Chromium	21	40	20	97	40	100
Cobalt	1	20	1.2	122	21	107
Copper	8	25	7.6	96	27	109
Iron	100000	100000	110000	107	100000	103
Lead	4	25	4.1	104	25	98
Magnesium	100000	100000	92000	92	92000	92
Manganese	7	27	8.0	114	29	106
Nickel	6	24	5.0	83	26	106
Potassium	100000	100000	94000	94	94000	94
Selenium	0.3	19	0.62	207	20	106
Silver	0	18	0.09		18	102
Sodium	100000	100000	94000	94	95000	95
Thallium	0	21	0.33		21	100
Vanadium	0.5	19	0.19	38	20	107
Zinc	11	29	11	104	32	110