

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.: MYD548
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB132787
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	91000	91	91000	91
Antimony	1.5	22	1.2	77	21	97
Arsenic	0.1	19	0.42	420	21	109
Barium	1.2	22	1.4	118	21	95
Beryllium	0	19	0.31		22	113
Cadmium	0.7	20	1.1	151	20	101
Calcium	100000	100000	98000	98	99000	99
Chromium	21	40	20	94	39	99
Cobalt	1	20	1.2	117	21	104
Copper	8	25	7.4	93	26	103
Iron	100000	100000	100000	103	100000	102
Lead	4	25	4.2	104	23	92
Magnesium	100000	100000	97000	97	97000	97
Manganese	7	27	7.5	107	27	101
Nickel	6	24	5.2	87	25	102
Potassium	100000	100000	98000	98	98000	98
Selenium	0.3	19	-0.51	0	20	107
Silver	0	18	0.06		19	108
Sodium	100000	100000	98000	98	97000	97
Thallium	0	21	0.17		19	92
Vanadium	0.5	19	0.2	40	20	104
Zinc	11	29	11	102	30	104

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 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB132992
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	90000	90	89000	89
Antimony	1.5	22	1.1	75	20	92
Arsenic	0.1	19	0.42	420	19	98
Barium	1.2	22	1.3	112	20	90
Beryllium	0	19	0.34		20	105
Cadmium	0.7	20	0.2	29	20	101
Calcium	100000	100000	98000	98	98000	98
Chromium	21	40	19	92	38	95
Cobalt	1	20	1.2	118	20	99
Copper	8	25	7.3	91	25	99
Iron	100000	100000	100000	103	100000	102
Lead	4	25	4.0	101	23	94
Magnesium	100000	100000	93000	93	91000	91
Manganese	7	27	7.7	110	26	98
Nickel	6	24	5.3	88	24	99
Potassium	100000	100000	97000	97	96000	96
Selenium	0.3	19	0.7	233	21	109
Silver	0	18	0.08		18	102
Sodium	100000	100000	98000	98	97000	97
Thallium	0	21	0.17		22	106
Vanadium	0.5	19	0.18	36	18	96
Zinc	11	29	11	100	29	100

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 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