

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.: MYD3S7
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB132631
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	90000	89	90000	90
Antimony	1.5	22	1.0	69	20	92
Arsenic	0.1	19	0.35	350	21	108
Barium	1.2	22	1.2	97	20	89
Beryllium	0	19	0.28		21	113
Cadmium	0.7	20	0	0	19	94
Calcium	100000	100000	96000	96	97000	97
Chromium	21	40	20	93	40	100
Cobalt	1	20	1.2	121	21	105
Copper	8	25	7.8	97	26	103
Iron	100000	100000	100000	100	100000	102
Lead	4	25	4.3	108	24	96
Magnesium	100000	100000	88000	88	90000	90
Manganese	7	27	7.5	106	27	101
Nickel	6	24	5.2	86	25	105
Potassium	100000	100000	95000	95	97000	97
Selenium	0.3	19	0.06	20	20	105
Silver	0	18	0.07		19	103
Sodium	100000	100000	96000	96	98000	97
Thallium	0	21	0.05		21	98
Vanadium	0.5	19	0.19	38	20	106
Zinc	11	29	10	91	30	103

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 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	85000	85	86000	86
Antimony	1.5	22	1.0	67	19	86
Arsenic	0.1	19	0.28	280	19	99
Barium	1.2	22	1.2	97	18	83
Beryllium	0	19	0.29		22	114
Cadmium	0.7	20	-0.15	0	17	87
Calcium	100000	100000	95000	94	95000	95
Chromium	21	40	20	94	40	100
Cobalt	1	20	1.2	120	21	105
Copper	8	25	6.8	85	25	101
Iron	100000	100000	100000	102	100000	102
Lead	4	25	3.5	88	22	88
Magnesium	100000	100000	86000	86	87000	87
Manganese	7	27	7.4	106	27	101
Nickel	6	24	5.3	88	26	107
Potassium	100000	100000	93000	93	94000	94
Selenium	0.3	19	0.64	213	20	104
Silver	0	18	0.01		17	94
Sodium	100000	100000	94000	94	94000	94
Thallium	0	21	0		19	89
Vanadium	0.5	19	0.17	34	20	103
Zinc	11	29	10	95	31	106

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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