

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ39
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133948
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	90000	90	90000	90
Antimony	1.5	22	1.6	107	22	101
Arsenic	0.1	19	0.34	340	20	107
Barium	1.2	22	1.6	129	22	101
Beryllium	0	19	0.34		21	110
Cadmium	0.7	20	0.35	50	21	103
Calcium	100000	100000	100000	101	100000	102
Chromium	21	40	21	98	41	102
Cobalt	1	20	1.3	125	21	107
Copper	8	25	7.4	93	27	108
Iron	100000	100000	100000	101	100000	102
Lead	4	25	5.9	148	25	100
Magnesium	100000	100000	98000	98	98000	98
Manganese	7	27	8.0	114	28	103
Nickel	6	24	5.3	89	25	106
Potassium	100000	100000	98000	98	99000	99
Selenium	0.3	19	-0.64	0	20	104
Silver	0	18	0.08		20	108
Sodium	100000	100000	99000	99	100000	100
Thallium	0	21	0.3		21	101
Vanadium	0.5	19	0.2	40	20	106
Zinc	11	29	11	102	31	108

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 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134003
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	91000	91	95000	95
Antimony	1.5	22	1.1	74	21	97
Arsenic	0.1	19	0.32	320	21	113
Barium	1.2	22	1.4	118	22	98
Beryllium	0	19	0.3		20	105
Cadmium	0.7	20	0.19	27	20	101
Calcium	100000	100000	100000	101	100000	101
Chromium	21	40	20	96	42	104
Cobalt	1	20	1.3	125	22	111
Copper	8	25	7.2	90	27	108
Iron	100000	100000	100000	102	110000	106
Lead	4	25	4.5	112	24	96
Magnesium	100000	100000	95000	95	99000	99
Manganese	7	27	7.8	111	29	107
Nickel	6	24	5.4	90	26	108
Potassium	100000	100000	97000	97	100000	101
Selenium	0.3	19	0.17	57	21	109
Silver	0	18	0.06		19	107
Sodium	100000	100000	120000	122	130000	127
Thallium	0	21	0.09		20	95
Vanadium	0.5	19	0.19	38	21	108
Zinc	11	29	11	100	32	111

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 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134025
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	94000	94	100000	102
Antimony	1.5	22	1.2	78	22	99
Arsenic	0.1	19	0.34	340	22	114
Barium	1.2	22	1.4	113	22	99
Beryllium	0	19	0.25		21	111
Cadmium	0.7	20	0.32	46	20	101
Calcium	100000	100000	100000	103	110000	111
Chromium	21	40	21	99	43	107
Cobalt	1	20	1.3	126	22	109
Copper	8	25	7.2	90	27	108
Iron	100000	100000	110000	107	110000	114
Lead	4	25	5.1	128	25	98
Magnesium	100000	100000	100000	100	110000	107
Manganese	7	27	7.9	113	29	107
Nickel	6	24	5.5	92	26	110
Potassium	100000	100000	100000	100	110000	108
Selenium	0.3	19	0.23	77	20	104
Silver	0	18	0.03		19	107
Sodium	100000	100000	100000	102	110000	109
Thallium	0	21	0.18		20	97
Vanadium	0.5	19	0.17	34	21	108
Zinc	11	29	15	132	33	114