

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51967 MA No. : SDG No.: MDCZM3
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134674
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSB	ICSA	%R	ICSB	%R
Aluminum	100000	100000	94000	94	94000	93
Antimony	1.5	22	1.2	78	22	101
Arsenic	0.1	19	0.26	260	22	114
Barium	1.2	22	1.5	121	23	102
Beryllium	0	19	0.3		21	112
Cadmium	0.7	20	0.48	69	21	103
Calcium	100000	100000	110000	105	110000	105
Chromium	21	40	20	96	40	99
Cobalt	1	20	1.2	118	22	108
Copper	8	25	8.1	102	28	114
Iron	100000	100000	110000	105	110000	105
Lead	4	25	4.5	113	25	99
Magnesium	100000	100000	98000	98	97000	97
Manganese	7	27	7.8	111	28	102
Molybdenum	2000	2000	2000	100	2000	100
Nickel	6	24	5.1	85	25	104
Potassium	100000	100000	100000	100	100000	100
Selenium	0.3	19	0.31	103	21	110
Silver	0	18	0.02		20	108
Sodium	100000	100000	110000	107	110000	107
Strontium	0	0	36		36	
Thallium	0	21	0.05		21	101
Vanadium	0.5	19	0.14	28	20	106
Zinc	11	29	11	101	31	108

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P8 ICSB Source: EPA-0803
 Run Batch: LB134712
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	98000	98	94000	94
Antimony	1.5	22	1.1	75	21	94
Arsenic	0.1	19	0.34	340	21	110
Barium	1.2	22	1.4	115	21	96
Beryllium	0	19	0.35		21	110
Cadmium	0.7	20	0.57	81	20	97
Calcium	100000	100000	110000	106	100000	104
Chromium	21	40	20	94	38	95
Cobalt	1	20	1.2	117	21	103
Copper	8	25	8.1	102	27	109
Iron	100000	100000	110000	108	110000	105
Lead	4	25	4.5	113	23	93
Magnesium	100000	100000	99000	99	95000	95
Manganese	7	27	7.5	107	27	98
Nickel	6	24	5.2	86	25	103
Potassium	100000	100000	100000	101	98000	98
Selenium	0.3	19	0.11	37	21	110
Silver	0	18	0.1		18	102
Sodium	100000	100000	110000	110	110000	106
Thallium	0	21	0.15		20	95
Vanadium	0.5	19	0.13	26	20	103
Zinc	11	29	11	99	30	104