

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.: MYD589
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB132905
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	90000	90
Antimony	1.5	22	1.1	75	22	98
Arsenic	0.1	19	0.38	380	20	107
Barium	1.2	22	1.4	113	22	98
Beryllium	0	19	0.36		20	103
Cadmium	0.7	20	0.26	37	21	104
Calcium	100000	100000	100000	100	100000	103
Chromium	21	40	21	98	40	100
Cobalt	1	20	1.3	127	21	106
Copper	8	25	7.7	96	27	106
Iron	100000	100000	100000	104	100000	103
Lead	4	25	4.1	102	23	94
Magnesium	100000	100000	98000	98	98000	98
Manganese	7	27	8.2	117	29	106
Nickel	6	24	5.6	92	25	106
Potassium	100000	100000	99000	99	98000	98
Selenium	0.3	19	0	0	21	112
Silver	0	18	0.08		20	109
Sodium	100000	100000	99000	99	97000	97
Thallium	0	21	0.15		19	92
Vanadium	0.5	19	0.21	42	20	106
Zinc	11	29	12	104	32	109

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 Analytical Method: ICP-MS ICSA Source: EPA-0803
 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