

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB92
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	87000	87	87000	87
Aluminum	100000	100000	87000	87	87000	87

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	87000	87	87000	87
Aluminum	100000	100000	87000	87	87000	87

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Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB92
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Antimony	1.5	22	1.1	71	20	89
Antimony	1.5	22	1.1	71	19	87

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Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB92
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Antimony	1.5	22	1.0	69	19	87
Antimony	1.5	22	1.0	69	20	89

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Arsenic	0.1	19	0.36	360	19	101
Arsenic	0.1	19	0.36	360	19	100

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Arsenic	0.1	19	0.35	350	19	100
Arsenic	0.1	19	0.35	350	19	101

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Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB92
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Barium	1.2	22	1.3	108	19	87
Barium	1.2	22	1.3	108	19	85

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Barium	1.2	22	1.2	103	19	85
Barium	1.2	22	1.2	103	19	87

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Beryllium	0	19	0.31		21	109
Beryllium	0	19	0.31		22	114

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Beryllium	0	19	0.26		22	114
Beryllium	0	19	0.26		21	109

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cadmium	0.7	20	0.25	36	20	98
Cadmium	0.7	20	0.25	36	19	92

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cadmium	0.7	20	0.19	27	19	92
Cadmium	0.7	20	0.19	27	20	98

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Calcium	100000	100000	97000	97	95000	95
Calcium	100000	100000	97000	97	96000	96

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Calcium	100000	100000	96000	96	95000	95
Calcium	100000	100000	96000	96	96000	96

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Chromium	21	40	19	91	38	94
Chromium	21	40	19	91	39	97

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Chromium	21	40	20	93	39	97
Chromium	21	40	20	93	38	94

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cobalt	1	20	1.2	117	20	100
Cobalt	1	20	1.2	117	21	104

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cobalt	1	20	1.3	125	20	100
Cobalt	1	20	1.3	125	21	104

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Copper	8	25	6.8	85	24	97
Copper	8	25	6.8	85	26	102

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Copper	8	25	7.1	88	26	102
Copper	8	25	7.1	88	24	97

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Iron	100000	100000	97000	97	97000	97
Iron	100000	100000	97000	97	100000	100

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Iron	100000	100000	100000	101	97000	97
Iron	100000	100000	100000	101	100000	100

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Lead	4	25	3.9	97	23	92
Lead	4	25	3.9	97	22	90

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Lead	4	25	3.6	90	22	90
Lead	4	25	3.6	90	23	92

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Magnesium	100000	100000	93000	93	93000	93
Magnesium	100000	100000	93000	93	94000	94

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Magnesium	100000	100000	94000	94	94000	94
Magnesium	100000	100000	94000	94	93000	93

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Manganese	7	27	7.8	111	27	99
Manganese	7	27	7.8	111	27	101

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Manganese	7	27	7.9	112	27	101
Manganese	7	27	7.9	112	27	99

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Nickel	6	24	5.3	89	24	101
Nickel	6	24	5.3	89	25	106

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Nickel	6	24	5.5	92	24	101
Nickel	6	24	5.5	92	25	106

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Potassium	100000	100000	94000	94	94000	94
Potassium	100000	100000	94000	94	94000	94

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Potassium	100000	100000	94000	94	94000	94
Potassium	100000	100000	94000	94	94000	94

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Selenium	0.3	19	0.12	40	19	102
Selenium	0.3	19	0.12	40	19	98

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Selenium	0.3	19	-0.3	0	19	98
Selenium	0.3	19	-0.3	0	19	102

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Silver	0	18	0.07		18	98
Silver	0	18	0.07		17	95

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Silver	0	18	0.02		17	95
Silver	0	18	0.02		18	98

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Sodium	100000	100000	94000	94	95000	94
Sodium	100000	100000	94000	94	96000	95

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Sodium	100000	100000	96000	96	96000	95
Sodium	100000	100000	96000	96	95000	94

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Thallium	0	21	0.12		20	93
Thallium	0	21	0.12		19	92

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Thallium	0	21	0		19	92
Thallium	0	21	0		20	93

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Vanadium	0.5	19	0.16	32	19	99
Vanadium	0.5	19	0.16	32	19	101

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Vanadium	0.5	19	0.17	34	19	101
Vanadium	0.5	19	0.17	34	19	99

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Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB92
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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Zinc	11	29	11	98	31	107
Zinc	11	29	11	98	32	111

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133179
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Zinc	11	29	11	99	31	107
Zinc	11	29	11	99	32	111

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB92
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133196
 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	19	88
Arsenic	0.1	19	0.34	340	20	106
Barium	1.2	22	1.4	113	19	87
Beryllium	0	19	0.31		21	108
Cadmium	0.7	20	0.29	41	20	98
Calcium	100000	100000	98000	98	97000	97
Chromium	21	40	20	94	39	98
Cobalt	1	20	1.2	124	21	102
Copper	8	25	7.1	89	26	103
Iron	100000	100000	100000	100	99000	99
Lead	4	25	4.0	100	23	92
Magnesium	100000	100000	97000	97	96000	96
Manganese	7	27	8.7	124	28	104
Nickel	6	24	5.4	91	26	107
Potassium	100000	100000	97000	97	97000	97
Selenium	0.3	19	0.41	137	20	103
Silver	0	18	0.11		18	98
Sodium	100000	100000	99000	99	97000	97
Thallium	0	21	0.14		19	93
Vanadium	0.5	19	0.19	38	20	103
Zinc	11	29	12	111	37	127

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB92
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB134279
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	91000	91	91000	91
Antimony	1.5	22	1.1	75	22	100
Arsenic	0.1	19	0.32	320	21	111
Barium	1.2	22	1.4	118	22	101
Beryllium	0	19	0.27		21	108
Cadmium	0.7	20	-0.2	0	21	103
Calcium	100000	100000	100000	101	100000	101
Chromium	21	40	21	97	42	104
Cobalt	1	20	1.3	132	22	111
Copper	8	25	7.2	90	27	107
Iron	100000	100000	100000	103	110000	105
Lead	4	25	4.6	114	25	99
Magnesium	100000	100000	98000	98	99000	99
Manganese	7	27	7.9	113	29	106
Nickel	6	24	5.3	89	26	110
Potassium	100000	100000	97000	97	98000	98
Selenium	0.3	19	0.04	13	21	110
Silver	0	18	0.05		20	111
Sodium	100000	100000	99000	99	100000	100
Thallium	0	21	0.09		21	100
Vanadium	0.5	19	0.21	42	21	108
Zinc	11	29	11	101	32	110