

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	95000	95	95000	95
Aluminum	100000	100000	95000	95	93000	93

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	88000	88	93000	93
Aluminum	100000	100000	88000	88	95000	95

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Antimony	1.5	22	1.2	79	20	92
Antimony	1.5	22	1.2	79	19	88

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Antimony	1.5	22	1.1	70	19	88
Antimony	1.5	22	1.1	70	20	92

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Arsenic	0.1	19	0.35	350	20	103
Arsenic	0.1	19	0.35	350	19	101

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Arsenic	0.1	19	0.29	290	20	103
Arsenic	0.1	19	0.29	290	19	101

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Barium	1.2	22	1.5	123	21	93
Barium	1.2	22	1.5	123	20	90

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Barium	1.2	22	1.4	113	20	90
Barium	1.2	22	1.4	113	21	93

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Beryllium	0	19	0.27		19	100
Beryllium	0	19	0.27		20	103

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Beryllium	0	19	0.27		20	103
Beryllium	0	19	0.27		19	100

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cadmium	0.7	20	0.41	59	19	95
Cadmium	0.7	20	0.41	59	18	88

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cadmium	0.7	20	0.33	47	19	95
Cadmium	0.7	20	0.33	47	18	88

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Calcium	100000	100000	88000	88	89000	89
Calcium	100000	100000	88000	88	88000	88

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Calcium	100000	100000	83000	83	88000	88
Calcium	100000	100000	83000	83	89000	89

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Chromium	21	40	21	98	39	97
Chromium	21	40	21	98	40	99

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Chromium	21	40	20	94	39	97
Chromium	21	40	20	94	40	99

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cobalt	1	20	1.7	174	20	101
Cobalt	1	20	1.7	174	21	104

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Cobalt	1	20	1.7	168	20	101
Cobalt	1	20	1.7	168	21	104

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Copper	8	25	7.6	94	25	101
Copper	8	25	7.6	94	25	98

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Copper	8	25	7.1	89	25	101
Copper	8	25	7.1	89	25	98

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Iron	100000	100000	110000	105	110000	105
Iron	100000	100000	110000	105	110000	106

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Iron	100000	100000	100000	100	110000	105
Iron	100000	100000	100000	100	110000	106

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Lead	4	25	4.8	120	23	93
Lead	4	25	4.8	120	23	93

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Lead	4	25	4.2	105	23	93
Lead	4	25	4.2	105	23	93

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Magnesium	100000	100000	100000	103	100000	104
Magnesium	100000	100000	100000	103	100000	104

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Magnesium	100000	100000	99000	99	100000	104
Magnesium	100000	100000	99000	99	100000	104

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Manganese	7	27	8.0	114	26	97
Manganese	7	27	8.0	114	26	97

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Manganese	7	27	7.5	107	26	97
Manganese	7	27	7.5	107	26	97

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Nickel	6	24	5.5	91	24	98
Nickel	6	24	5.5	91	24	101

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Nickel	6	24	5.3	89	24	98
Nickel	6	24	5.3	89	24	101

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Potassium	100000	100000	100000	101	98000	98
Potassium	100000	100000	100000	101	100000	101

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Potassium	100000	100000	92000	92	100000	101
Potassium	100000	100000	92000	92	98000	98

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Selenium	0.3	19	0	0	18	96
Selenium	0.3	19	0	0	18	96

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Selenium	0.3	19	-0.4	0	18	96
Selenium	0.3	19	-0.4	0	18	96

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Silver	0	18	0.02		17	96
Silver	0	18	0.02		18	102

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Silver	0	18	0.01		17	96
Silver	0	18	0.01		18	102

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Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Sodium	100000	100000	100000	102	100000	102
Sodium	100000	100000	100000	102	100000	103

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Sodium	100000	100000	97000	97	100000	102
Sodium	100000	100000	97000	97	100000	103

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Thallium	0	21	0.15		19	90
Thallium	0	21	0.15		19	92

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Thallium	0	21	0.01		19	92
Thallium	0	21	0.01		19	90

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Vanadium	0.5	19	0.19	38	19	99
Vanadium	0.5	19	0.19	38	19	98

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Vanadium	0.5	19	0.19	38	19	98
Vanadium	0.5	19	0.19	38	19	99

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Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Zinc	11	29	11	103	30	103
Zinc	11	29	11	103	31	106

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Analytical Method: ICP-MS ICSA Source: EPA-0803
Instrument ID: P7 ICSB Source: EPA-0803
Run Batch: LB133382
Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Zinc	11	29	12	105	30	103
Zinc	11	29	12	105	31	106

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51850 MA No. : SDG No.: MC0B82
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133433
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	99000	99	93000	93
Antimony	1.5	22	1.2	79	22	100
Arsenic	0.1	19	0.32	320	21	109
Barium	1.2	22	1.5	122	23	102
Beryllium	0	19	0.3		22	114
Cadmium	0.7	20	0.34	49	21	105
Calcium	100000	100000	100000	103	100000	104
Chromium	21	40	22	103	41	104
Cobalt	1	20	1.3	134	22	110
Copper	8	25	7.8	98	27	108
Iron	100000	100000	110000	113	110000	109
Lead	4	25	4.7	116	26	103
Magnesium	100000	100000	110000	105	100000	100
Manganese	7	27	8.3	119	28	105
Nickel	6	24	6.4	107	26	109
Potassium	100000	100000	110000	107	100000	102
Selenium	0.3	19	0.06	20	20	105
Silver	0	18	0.02		20	112
Sodium	100000	100000	110000	105	100000	100
Thallium	0	21	0.1		21	101
Vanadium	0.5	19	0.2	40	20	106
Zinc	11	29	10	93	31	107