

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE5F3
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.: 51817 MA No. : SDG No.: MYE5F3
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	95000	95
Aluminum	100000	100000	88000	88	93000	93

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE5F3
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	19	88
Antimony	1.5	22	1.2	79	20	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
Antimony	1.5	22	1.1	70	20	92
Antimony	1.5	22	1.1	70	19	88

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Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE5F3
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	19	101
Arsenic	0.1	19	0.35	350	20	103

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Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE5F3
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.: 51817 MA No. : SDG No.: MYE5F3
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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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	21	93
Barium	1.2	22	1.4	113	20	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
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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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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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	40	99
Chromium	21	40	21	98	39	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
Chromium	21	40	20	94	39	97
Chromium	21	40	20	94	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
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	98
Copper	8	25	7.6	94	25	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
Copper	8	25	7.1	89	25	98
Copper	8	25	7.1	89	25	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
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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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	4.2	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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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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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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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	100000	101
Potassium	100000	100000	100000	101	98000	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
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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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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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	0.02		18	102
Silver	0	18	0.02		17	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
Silver	0	18	0.01		18	102
Silver	0	18	0.01		17	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
Sodium	100000	100000	100000	102	100000	103
Sodium	100000	100000	100000	102	100000	102

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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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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	11	103	31	106
Zinc	11	29	11	103	30	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
Zinc	11	29	12	105	30	103
Zinc	11	29	12	105	31	106

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 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE5F3
 Analytical Method: ICP-MS ICSA Source: EPA-0803
 Instrument ID: P7 ICSB Source: EPA-0803
 Run Batch: LB133439
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	92000	92	92000	92
Antimony	1.5	22	1.1	74	21	97
Arsenic	0.1	19	0.34	340	21	109
Barium	1.2	22	1.4	118	22	98
Beryllium	0	19	0.28		21	112
Cadmium	0.7	20	0.11	16	20	101
Calcium	100000	100000	100000	102	100000	104
Chromium	21	40	21	97	41	102
Cobalt	1	20	1.3	127	22	109
Copper	8	25	7.4	93	27	106
Iron	100000	100000	100000	104	100000	104
Lead	4	25	4.5	112	25	99
Magnesium	100000	100000	100000	100	99000	99
Manganese	7	27	8.1	116	28	104
Nickel	6	24	5.5	91	26	107
Potassium	100000	100000	99000	99	99000	99
Selenium	0.3	19	0	0	20	106
Silver	0	18	0.02		19	108
Sodium	100000	100000	100000	100	100000	99
Thallium	0	21	0.08		21	98
Vanadium	0.5	19	0.18	36	20	106
Zinc	11	29	12	107	33	112