

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: _____ SDG No.: MYD548
 Instrument ID: P7 Start Date: 10/04/2024
 Analytical Method: ICP-MS Run Batch: LB132787
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	2.2	10	50	51	2
Arsenic	0	0.0	0	1	1.3	30	50	50	0
Barium	0	0.0	0	10	11	10	250	250	0
Beryllium	0	0.0	0	1	1.2	20	50	53	6
Cadmium	0	0.0	0	1	1.2	20	50	54	8
Chromium	0	0.0	0	2	2.2	10	50	50	0
Cobalt	0	0.0	0	1	1.2	20	50	51	2
Copper	0	0.0	0	2	2.1	5	500	510	2
Lead	0	0.0	0	1	0.98	-2	250	240	-4
Nickel	0	0.0	0	1	1.2	20	50	51	2
Selenium	0	0.0	0	5	5.6	12	50	53	6
Silver	0	0.0	0	1	1.1	10	50	55	10
Thallium	0	0.0	0	1	0.97	-3	50	45	-10
Vanadium	0	0.0	0	5	5.2	4	50	50	0
Zinc	0	0.0	0	5	5.2	4	500	510	2

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 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	125	130	4	250	260	4	500	490	-2
Arsenic	125	130	4	250	250	0	500	470	-6
Barium	625	660	6	1250	1300	4	2500	2500	0
Beryllium	125	140	12	250	270	8	500	490	-2
Cadmium	125	140	12	250	270	8	500	500	0
Chromium	125	130	4	250	250	0	500	480	-4
Cobalt	125	130	4	250	250	0	500	470	-6
Copper	1250	1300	4	2500	2500	0	5000	4800	-4
Lead	625	640	2	1250	1300	4	2500	2400	-4
Nickel	125	130	4	250	250	0	500	480	-4
Selenium	125	140	12	250	260	4	500	490	-2
Silver	125	140	12	250	270	8	500	500	0
Thallium	125	130	4	250	260	4	500	480	-4
Vanadium	125	130	4	250	250	0	500	480	-4
Zinc	1250	1300	4	2500	2500	0	5000	4800	-4

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Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	1000	0						
Cadmium	1000	1000	0						
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	10000	0						
Lead	5000	5000	0						
Nickel	1000	1000	0						
Selenium	1000	1000	0						
Silver	1000	990	-1						
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	10000	0						

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 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD548
 Instrument ID: P7 Start Date: 10/17/2024
 Analytical Method: ICP-MS Run Batch: LB132992
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	2.1	5	50	51	2
Arsenic	0	0.0	0	1	1.1	10	50	49	-2
Barium	0	0.0	0	10	9.7	-3	250	250	0
Beryllium	0	0.0	0	1	1.1	10	50	53	6
Cadmium	0	0.0	0	1	1.2	20	50	55	10
Chromium	0	0.0	0	2	2.0	0	50	51	2
Cobalt	0	0.0	0	1	1.0	0	50	51	2
Copper	0	0.0	0	2	1.9	-5	500	520	4
Lead	0	0.0	0	1	0.91	-9	250	230	-8
Nickel	0	0.0	0	1	1.0	0	50	53	6
Selenium	0	0.0	0	5	5.4	8	50	54	8
Silver	0	0.0	0	1	1.0	0	50	55	10
Thallium	0	0.0	0	1	0.88	-12	50	45	-10
Vanadium	0	0.0	0	5	4.9	-2	50	49	-2
Zinc	0	0.0	0	5	5.2	4	500	500	0

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 Analytical Method: ICP-MS Run Batch: LB132992
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	125	130	4	250	250	0	500	510	2
Arsenic	125	120	-4	250	240	-4	500	480	-4
Barium	625	620	-1	1250	1300	4	2500	2500	0
Beryllium	125	130	4	250	260	4	500	510	2
Cadmium	125	130	4	250	270	8	500	510	2
Chromium	125	130	4	250	250	0	500	490	-2
Cobalt	125	130	4	250	250	0	500	490	-2
Copper	1250	1300	4	2500	2500	0	5000	4900	-2
Lead	625	630	1	1250	1300	4	2500	2500	0
Nickel	125	130	4	250	250	0	500	490	-2
Selenium	125	130	4	250	260	4	500	520	4
Silver	125	130	4	250	260	4	500	510	2
Thallium	125	110	-12	250	250	0	500	510	2
Vanadium	125	120	-4	250	240	-4	500	480	-4
Zinc	1250	1300	4	2500	2500	0	5000	4900	-2

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Analytical Method: ICP-MS Run Batch: LB132992
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	990	-1						
Cadmium	1000	990	-1						
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	10000	0						
Lead	5000	5000	0						
Nickel	1000	1000	0						
Selenium	1000	990	-1						
Silver	1000	990	-1						
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	10000	0						

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 Lab Code: ACE Case No.: 51495 MA No.: _____ SDG No.: MYD548
 Instrument ID: P7 Start Date: 10/18/2024
 Analytical Method: ICP-MS Run Batch: LB133015
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	2.0	0	50	51	2
Arsenic	0	0.0	0	1	1.1	10	50	51	2
Barium	0	0.0	0	10	9.5	-5	250	250	0
Beryllium	0	0.0	0	1	1.1	10	50	53	6
Cadmium	0	0.0	0	1	1.2	20	50	55	10
Chromium	0	0.0	0	2	2.0	0	50	51	2
Cobalt	0	0.0	0	1	1.1	10	50	52	4
Copper	0	0.0	0	2	2.1	5	500	520	4
Lead	0	0.0	0	1	0.79	-21	250	240	-4
Nickel	0	0.0	0	1	1.2	20	50	54	8
Selenium	0	0.0	0	5	4.9	-2	50	52	4
Silver	0	0.0	0	1	1.0	0	50	54	8
Thallium	0	0.0	0	1	0.86	-14	50	44	-12
Vanadium	0	0.0	0	5	5.0	0	50	50	0
Zinc	0	0.0	0	5	5.1	2	500	520	4

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 Instrument ID: P7 Start Date: 10/18/2024
 Analytical Method: ICP-MS Run Batch: LB133015
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	125	130	4	250	250	0	500	520	4
Arsenic	125	130	4	250	260	4	500	500	0
Barium	625	630	1	1250	1300	4	2500	2600	4
Beryllium	125	130	4	250	260	4	500	510	2
Cadmium	125	140	12	250	260	4	500	520	4
Chromium	125	130	4	250	260	4	500	510	2
Cobalt	125	130	4	250	260	4	500	510	2
Copper	1250	1300	4	2500	2600	4	5000	5100	2
Lead	625	620	-1	1250	1200	-4	2500	2500	0
Nickel	125	130	4	250	260	4	500	510	2
Selenium	125	130	4	250	260	4	500	510	2
Silver	125	130	4	250	260	4	500	520	4
Thallium	125	110	-12	250	250	0	500	510	2
Vanadium	125	130	4	250	250	0	500	510	2
Zinc	1250	1300	4	2500	2600	4	5000	5100	2

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 Analytical Method: ICP-MS Run Batch: LB133015
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	1000	990	-1						
Arsenic	1000	1000	0						
Barium	5000	4900	-2						
Beryllium	1000	990	-1						
Cadmium	1000	990	-1						
Chromium	1000	990	-1						
Cobalt	1000	990	-1						
Copper	10000	9900	-1						
Lead	5000	5000	0						
Nickel	1000	990	-1						
Selenium	1000	990	-1						
Silver	1000	990	-1						
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	9900	-1						