

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: _____ SDG No.: MYD4A7
 Instrument ID: P7 Start Date: 10/10/2024
 Analytical Method: ICP-MS Run Batch: LB132901
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	1.8	-10	50	48	-4
Arsenic	0	0.0	0	1	0.93	-7	50	51	2
Barium	0	0.0	0	10	9.0	-10	250	230	-8
Beryllium	0	0.0	0	1	0.97	-3	50	53	6
Cadmium	0	0.0	0	1	1.1	10	50	53	6
Chromium	0	0.0	0	2	2.0	0	50	50	0
Cobalt	0	0.0	0	1	1.0	0	50	50	0
Copper	0	0.0	0	2	1.9	-5	500	500	0
Lead	0	0.0	0	1	0.82	-18	250	230	-8
Nickel	0	0.0	0	1	1.1	10	50	53	6
Selenium	0	0.0	0	5	4.5	-10	50	51	2
Silver	0	0.0	0	1	0.93	-7	50	51	2
Thallium	0	0.0	0	1	0.78	-22	50	42	-16
Vanadium	0	0.0	0	5	4.7	-6	50	50	0
Zinc	0	0.0	0	5	4.8	-4	500	500	0

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 Instrument ID: P7 Start Date: 10/10/2024
 Analytical Method: ICP-MS Run Batch: LB132901
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	125	120	-4	250	240	-4	500	510	2
Arsenic	125	130	4	250	250	0	500	500	0
Barium	625	660	6	1250	1300	4	2500	2500	0
Beryllium	125	140	12	250	260	4	500	520	4
Cadmium	125	140	12	250	260	4	500	510	2
Chromium	125	130	4	250	250	0	500	500	0
Cobalt	125	130	4	250	250	0	500	500	0
Copper	1250	1300	4	2500	2600	4	5000	5100	2
Lead	625	640	2	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	510	2
Thallium	125	110	-12	250	250	0	500	500	0
Vanadium	125	130	4	250	250	0	500	500	0
Zinc	1250	1200	-4	2500	2400	-4	5000	5100	2

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Analytical Method: ICP-MS Run Batch: LB132901
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	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	10000	0						

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 Instrument ID: P7 Start Date: 10/14/2024
 Analytical Method: ICP-MS Run Batch: LB132954
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	2.0	0	50	50	0
Arsenic	0	0.0	0	1	1.1	10	50	51	2
Barium	0	0.0	0	10	9.9	-1	250	240	-4
Beryllium	0	0.0	0	1	1.1	10	50	53	6
Cadmium	0	0.0	0	1	1.2	20	50	54	8
Chromium	0	0.0	0	2	2.1	5	50	51	2
Cobalt	0	0.0	0	1	1.1	10	50	51	2
Copper	0	0.0	0	2	2.2	10	500	520	4
Lead	0	0.0	0	1	0.91	-9	250	240	-4
Nickel	0	0.0	0	1	1.1	10	50	53	6
Selenium	0	0.0	0	5	5.3	6	50	53	6
Silver	0	0.0	0	1	1.1	10	50	54	8
Thallium	0	0.0	0	1	0.89	-11	50	44	-12
Vanadium	0	0.0	0	5	5.3	6	50	51	2
Zinc	0	0.0	0	5	6.1	22	500	520	4

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 Instrument ID: P7 Start Date: 10/14/2024
 Analytical Method: ICP-MS Run Batch: LB132954
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	125	120	-4	250	240	-4	500	510	2
Arsenic	125	130	4	250	250	0	500	510	2
Barium	625	610	-2	1250	1300	4	2500	2600	4
Beryllium	125	130	4	250	250	0	500	510	2
Cadmium	125	130	4	250	260	4	500	510	2
Chromium	125	130	4	250	260	4	500	520	4
Cobalt	125	130	4	250	250	0	500	510	2
Copper	1250	1300	4	2500	2600	4	5000	5200	4
Lead	625	620	-1	1250	1200	-4	2500	2500	0
Nickel	125	130	4	250	260	4	500	520	4
Selenium	125	130	4	250	260	4	500	510	2
Silver	125	130	4	250	250	0	500	520	4
Thallium	125	110	-12	250	250	0	500	510	2
Vanadium	125	130	4	250	250	0	500	520	4
Zinc	1250	1300	4	2500	2600	4	5000	5100	2

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Analytical Method: ICP-MS Run Batch: LB132954
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	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	990	-1						
Zinc	10000	9900	-1						

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 Lab Code: ACE Case No.: 51495 MA No.: _____ SDG No.: MYD4A7
 Instrument ID: P7 Start Date: 10/15/2024
 Analytical Method: ICP-MS Run Batch: LB132969
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	1.9	-5	50	48	-4
Arsenic	0	0.0	0	1	1.3	30	50	52	4
Barium	0	0.0	0	10	9.2	-8	250	230	-8
Beryllium	0	0.0	0	1	1.0	0	50	51	2
Cadmium	0	0.0	0	1	1.0	0	50	50	0
Chromium	0	0.0	0	2	2.1	5	50	52	4
Cobalt	0	0.0	0	1	1.1	10	50	52	4
Copper	0	0.0	0	2	2.0	0	500	530	6
Lead	0	0.0	0	1	0.85	-15	250	220	-12
Nickel	0	0.0	0	1	1.0	0	50	53	6
Selenium	0	0.0	0	5	4.4	-12	50	48	-4
Silver	0	0.0	0	1	0.95	-5	50	51	2
Thallium	0	0.0	0	1	0.82	-18	50	42	-16
Vanadium	0	0.0	0	5	5.0	0	50	50	0
Zinc	0	0.0	0	5	5.2	4	500	520	4

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 Instrument ID: P7 Start Date: 10/15/2024
 Analytical Method: ICP-MS Run Batch: LB132969
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	125	120	-4	250	240	-4	500	480	-4
Arsenic	125	130	4	250	260	4	500	510	2
Barium	625	590	-6	1250	1200	-4	2500	2400	-4
Beryllium	125	130	4	250	250	0	500	490	-2
Cadmium	125	130	4	250	250	0	500	490	-2
Chromium	125	130	4	250	260	4	500	520	4
Cobalt	125	130	4	250	260	4	500	510	2
Copper	1250	1300	4	2500	2600	4	5000	5100	2
Lead	625	590	-6	1250	1200	-4	2500	2400	-4
Nickel	125	130	4	250	260	4	500	520	4
Selenium	125	120	-4	250	250	0	500	480	-4
Silver	125	130	4	250	250	0	500	490	-2
Thallium	125	110	-12	250	240	-4	500	470	-6
Vanadium	125	130	4	250	250	0	500	500	0
Zinc	1250	1300	4	2500	2600	4	5000	5200	4

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 Analytical Method: ICP-MS Run Batch: LB132969
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	1000	1000	0						
Arsenic	1000	990	-1						
Barium	5000	5100	2						
Beryllium	1000	1000	0						
Cadmium	1000	1000	0						
Chromium	1000	990	-1						
Cobalt	1000	990	-1						
Copper	10000	9900	-1						
Lead	5000	5100	2						
Nickel	1000	990	-1						
Selenium	1000	1000	0						
Silver	1000	1000	0						
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	9900	-1						

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 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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 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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 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						