

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYD0W8
 Instrument ID: P7 Start Date: 10/24/2024
 Analytical Method: ICP-MS Run Batch: LB133117
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	1.9	-5	50	52	4
Arsenic	0	0.0	0	1	1.0	0	50	53	6
Barium	0	0.0	0	10	9.2	-8	250	250	0
Beryllium	0	0.0	0	1	1.1	10	50	56	12
Cadmium	0	0.0	0	1	1.1	10	50	55	10
Chromium	0	0.0	0	2	2.0	0	50	53	6
Cobalt	0	0.0	0	1	1.0	0	50	52	4
Copper	0	0.0	0	2	2.1	5	500	530	6
Lead	0	0.0	0	1	0.85	-15	250	250	0
Nickel	0	0.0	0	1	1.0	0	50	53	6
Selenium	0	0.0	0	5	5.2	4	50	53	6
Silver	0	0.0	0	1	0.98	-2	50	55	10
Thallium	0	0.0	0	1	0.86	-14	50	45	-10
Vanadium	0	0.0	0	5	4.9	-2	50	53	6
Zinc	0	0.0	0	5	5.0	0	500	530	6

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	125	130	4	250	260	4	500	500	0
Arsenic	125	130	4	250	250	0	500	490	-2
Barium	625	650	4	1250	1300	4	2500	2500	0
Beryllium	125	140	12	250	260	4	500	510	2
Cadmium	125	130	4	250	260	4	500	490	-2
Chromium	125	130	4	250	260	4	500	500	0
Cobalt	125	130	4	250	250	0	500	500	0
Copper	1250	1300	4	2500	2600	4	5000	5000	0
Lead	625	630	1	1250	1200	-4	2500	2500	0
Nickel	125	130	4	250	260	4	500	500	0
Selenium	125	130	4	250	260	4	500	500	0
Silver	125	140	12	250	270	8	500	510	2
Thallium	125	130	4	250	250	0	500	500	0
Vanadium	125	130	4	250	250	0	500	500	0
Zinc	1250	1300	4	2500	2600	4	5000	5000	0

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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	1000	0						
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	9900	-1						
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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 Analytical Method: ICP-MS Run Batch: LB133137
 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	1.0	0	50	51	2
Barium	0	0.0	0	10	9.4	-6	250	250	0
Beryllium	0	0.0	0	1	1.1	10	50	54	8
Cadmium	0	0.0	0	1	1.0	0	50	53	6
Chromium	0	0.0	0	2	2.1	5	50	52	4
Cobalt	0	0.0	0	1	1.1	10	50	51	2
Copper	0	0.0	0	2	2.0	0	500	500	0
Lead	0	0.0	0	1	0.86	-14	250	240	-4
Nickel	0	0.0	0	1	1.1	10	50	51	2
Selenium	0	0.0	0	5	5.0	0	50	51	2
Silver	0	0.0	0	1	0.99	-1	50	54	8
Thallium	0	0.0	0	1	0.87	-13	50	46	-8
Vanadium	0	0.0	0	5	5.1	2	50	51	2
Zinc	0	0.0	0	5	3.5	-30	500	500	0

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Antimony	125	130	4	250	250	0	500	500	0
Arsenic	125	130	4	250	250	0	500	500	0
Barium	625	650	4	1250	1300	4	2500	2500	0
Beryllium	125	140	12	250	270	8	500	530	6
Cadmium	125	130	4	250	260	4	500	500	0
Chromium	125	130	4	250	260	4	500	500	0
Cobalt	125	130	4	250	250	0	500	510	2
Copper	1250	1300	4	2500	2500	0	5000	5100	2
Lead	625	630	1	1250	1300	4	2500	2500	0
Nickel	125	130	4	250	250	0	500	500	0
Selenium	125	130	4	250	250	0	500	500	0
Silver	125	140	12	250	260	4	500	500	0
Thallium	125	130	4	250	250	0	500	500	0
Vanadium	125	130	4	250	260	4	500	500	0
Zinc	1250	1300	4	2500	2500	0	5000	5100	2

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	980	-2						
Cadmium	1000	1000	0						
Chromium	1000	990	-1						
Cobalt	1000	990	-1						
Copper	10000	9900	-1						
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	9900	-1						