

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: _____ SDG No.: ME28W7
 Instrument ID: P7 Start Date: 12/26/2024
 Analytical Method: ICP-MS Run Batch: LB134096
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	2	2.3	15	50	53	6
Arsenic	0	0.0	0	1	1.2	20	50	53	6
Barium	0	0.0	0	10	12	20	250	260	4
Beryllium	0	0.0	0	1	1.3	30	50	53	6
Cadmium	0	0.0	0	1	1.3	30	50	55	10
Chromium	0	0.0	0	2	2.2	10	50	51	2
Cobalt	0	0.0	0	1	1.2	20	50	52	4
Copper	0	0.0	0	2	2.1	5	500	530	6
Lead	0	0.0	0	1	1.1	10	250	250	0
Manganese	0	0.0	0	1	1.1	10	500	510	2
Nickel	0	0.0	0	1	1.1	10	50	53	6
Selenium	0	0.0	0	5	5.7	14	50	53	6
Silver	0	0.0	0	1	1.2	20	50	57	14
Thallium	0	0.0	0	1	1.1	10	50	48	-4
Vanadium	0	0.0	0	5	5.6	12	50	51	2
Zinc	0	0.0	0	5	5.7	14	500	530	6

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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	490	-2
Barium	625	650	4	1250	1300	4	2500	2600	4
Beryllium	125	130	4	250	250	0	500	500	0
Cadmium	125	140	12	250	260	4	500	520	4
Chromium	125	130	4	250	250	0	500	490	-2
Cobalt	125	130	4	250	260	4	500	500	0
Copper	1250	1300	4	2500	2600	4	5000	5000	0
Lead	625	620	-1	1250	1200	-4	2500	2600	4
Manganese	1250	1300	4	2500	2500	0	5000	4900	-2
Nickel	125	130	4	250	260	4	500	490	-2
Selenium	125	130	4	250	260	4	500	530	6
Silver	125	140	12	250	260	4	500	530	6
Thallium	125	120	-4	250	250	0	500	510	2
Vanadium	125	130	4	250	250	0	500	490	-2
Zinc	1250	1300	4	2500	2600	4	5000	5000	0

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Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	1000	990	-1						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	1000	0						
Cadmium	1000	990	-1						
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	10000	0						
Lead	5000	5000	0						
Manganese	10000	10000	0						
Nickel	1000	1000	0						
Selenium	1000	980	-2						
Silver	1000	980	-2						
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	10000	0						

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 Instrument ID: P7 Start Date: 12/27/2024
 Analytical Method: ICP-MS Run Batch: LB134112
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	0.2	0.23	15	2	2.2	10
Arsenic	0	0.0	0	0.1	0.12	20	1	1.3	30
Barium	0	0.0	0	1	1.1	10	10	11	10
Beryllium	0	0.0	0	0.1	0.12	20	1	1.1	10
Cadmium	0	0.0	0	0.1	0	-100	1	1.2	20
Chromium	0	0.0	0	0.2	0.19	-5	2	2.1	5
Cobalt	0	0.0	0	0.1	0.11	10	1	1.1	10
Copper	0	0.0	0	0.2	0.21	5	2	2.1	5
Lead	0	0.0	0	0.1	0.1	0	1	1.0	0
Manganese	0	0.0	0	0.1	0.1	0	1	1.0	0
Nickel	0	0.0	0	0.1	0.1	0	1	1.1	10
Selenium	0	0.0	0	0.5	0.49	-2	5	5.5	10
Silver	0	0.0	0	0.1	0.11	10	1	1.1	10
Thallium	0	0.0	0	0.1	0.1	0	1	1.0	0
Vanadium	0	0.0	0	0.5	0.53	6	5	5.4	8
Zinc	0	0.0	0	0.5	0.57	14	5	5.3	6

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 Analytical Method: ICP-MS Run Batch: LB134112
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	50	53	6	125	130	4	250	250	0
Arsenic	50	55	10	125	130	4	250	260	4
Barium	250	260	4	625	650	4	1250	1300	4
Beryllium	50	54	8	125	130	4	250	250	0
Cadmium	50	56	12	125	130	4	250	250	0
Chromium	50	52	4	125	120	-4	250	250	0
Cobalt	50	52	4	125	120	-4	250	250	0
Copper	500	550	10	1250	1300	4	2500	2600	4
Lead	250	260	4	625	620	-1	1250	1200	-4
Manganese	500	520	4	1250	1300	4	2500	2500	0
Nickel	50	54	8	125	130	4	250	250	0
Selenium	50	56	12	125	130	4	250	260	4
Silver	50	57	14	125	140	12	250	260	4
Thallium	50	50	0	125	120	-4	250	250	0
Vanadium	50	52	4	125	120	-4	250	240	-4
Zinc	500	530	6	1250	1300	4	2500	2600	4

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	500	510	2	1000	990	-1			
Arsenic	500	510	2	1000	990	-1			
Barium	2500	2500	0	5000	5000	0			
Beryllium	500	490	-2	1000	1000	0			
Cadmium	500	500	0	1000	1000	0			
Chromium	500	510	2	1000	1000	0			
Cobalt	500	510	2	1000	990	-1			
Copper	5000	5100	2	10000	9900	-1			
Lead	2500	2500	0	5000	5000	0			
Manganese	5000	5100	2	10000	10000	0			
Nickel	500	500	0	1000	1000	0			
Selenium	500	510	2	1000	990	-1			
Silver	500	510	2	1000	990	-1			
Thallium	500	500	0	1000	1000	0			
Vanadium	500	510	2	1000	1000	0			
Zinc	5000	5100	2	10000	9900	-1			