

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51948 MA No.: _____ SDG No.: MC0B00
 Instrument ID: P8 Start Date: 01/24/2025
 Analytical Method: ICP-MS Run Batch: LB134440
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	18	-10	1000	1000	0
Antimony	0	0.0	0	2	1.9	-5	50	51	2
Arsenic	0	0.0	0	1	1.0	0	50	53	6
Barium	0	0.0	0	10	9.4	-6	250	250	0
Beryllium	0	0.0	0	1	0.96	-4	50	52	4
Cadmium	0	0.0	0	1	1.0	0	50	53	6
Calcium	0	0.0	0	500	480	-4	5000	5200	4
Chromium	0	0.0	0	2	1.9	-5	50	51	2
Cobalt	0	0.0	0	1	1.0	0	50	52	4
Copper	0	0.0	0	2	2.1	5	500	560	12
Iron	0	0.0	0	50	50	0	2500	2600	4
Lead	0	0.0	0	1	0.9	-10	250	260	4
Magnesium	0	0.0	0	500	510	2	5000	5400	8
Manganese	0	0.0	0	1	0.97	-3	500	510	2
Nickel	0	0.0	0	1	0.98	-2	50	56	12
Potassium	0	0.0	0	500	460	-8	2500	2500	0
Selenium	0	0.0	0	5	5.2	4	50	54	8
Silver	0	0.0	0	1	0.94	-6	50	53	6
Sodium	0	0.0	0	500	490	-2	5000	5400	8
Thallium	0	0.0	0	1	0.89	-11	50	49	-2
Vanadium	0	0.0	0	5	4.7	-6	50	51	2
Zinc	0	0.0	0	5	4.9	-2	500	530	6

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2600	4	5000	5000	0	10000	10000	0
Antimony	125	130	4	250	260	4	500	510	2
Arsenic	125	130	4	250	260	4	500	520	4
Barium	625	640	2	1250	1300	4	2500	2500	0
Beryllium	125	130	4	250	260	4	500	520	4
Cadmium	125	130	4	250	250	0	500	500	0
Calcium	12500	13000	4	25000	26000	4	50000	51000	2
Chromium	125	130	4	250	250	0	500	510	2
Cobalt	125	130	4	250	260	4	500	530	6
Copper	1250	1400	12	2500	2700	8	5000	5300	6
Iron	6250	6600	6	12500	13000	4	25000	25000	0
Lead	625	630	1	1250	1300	4	2500	2500	0
Magnesium	12500	14000	12	25000	27000	8	50000	53000	6
Manganese	1250	1400	12	2500	2700	8	5000	5200	4
Nickel	125	140	12	250	270	8	500	530	6
Potassium	6250	6300	1	12500	13000	4	25000	25000	0
Selenium	125	130	4	250	260	4	500	520	4
Silver	125	140	12	250	270	8	500	520	4
Sodium	12500	13000	4	25000	26000	4	50000	52000	4
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	5300	6

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	19000	-5	100000	100000	0			
Antimony	1000	990	-1						
Arsenic	1000	990	-1						
Barium	5000	5000	0						
Beryllium	1000	990	-1						
Cadmium	1000	1000	0						
Calcium	100000	98000	-2	500000	500000	0			
Chromium	1000	990	-1						
Cobalt	1000	980	-2						
Copper	10000	9800	-2						
Iron	50000	50000	0	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	100000	0	500000	500000	0			
Manganese	10000	9800	-2						
Nickel	1000	980	-2						
Potassium	50000	48000	-4	250000	250000	0			
Selenium	1000	990	-1						
Silver	1000	990	-1						
Sodium	100000	99000	-1	500000	500000	0			
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	9800	-2						