

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No.: _____ SDG No.: ME2931
 Instrument ID: P8 Start Date: 01/28/2025
 Analytical Method: ICP-MS Run Batch: LB134459
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	20	0	1000	990	-1
Antimony	0	0.0	0	2	2.0	0	50	49	-2
Arsenic	0	0.0	0	1	1.1	10	50	48	-4
Barium	0	0.0	0	10	10	0	250	240	-4
Beryllium	0	0.0	0	1	1.1	10	50	50	0
Cadmium	0	0.0	0	1	1.1	10	50	51	2
Calcium	0	0.0	0	500	550	10	5000	5100	2
Chromium	0	0.0	0	2	2.0	0	50	49	-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
Iron	0	0.0	0	50	55	10	2500	2600	4
Lead	0	0.0	0	1	0.97	-3	250	250	0
Magnesium	0	0.0	0	500	540	8	5000	5200	4
Manganese	0	0.0	0	1	1.1	10	500	500	0
Nickel	0	0.0	0	1	1.1	10	50	54	8
Potassium	0	0.0	0	500	510	2	2500	2400	-4
Selenium	0	0.0	0	5	5.3	6	50	52	4
Silver	0	0.0	0	1	0.99	-1	50	51	2
Sodium	0	0.0	0	500	530	6	5000	5300	6
Thallium	0	0.0	0	1	0.95	-5	50	48	-4
Vanadium	0	0.0	0	5	4.9	-2	50	48	-4
Zinc	0	0.0	0	5	6.5	30	500	510	2

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2400	-4	5000	4800	-4	10000	9500	-5
Antimony	125	120	-4	250	250	0	500	500	0
Arsenic	125	120	-4	250	240	-4	500	500	0
Barium	625	620	-1	1250	1200	-4	2500	2500	0
Beryllium	125	120	-4	250	250	0	500	500	0
Cadmium	125	120	-4	250	240	-4	500	480	-4
Calcium	12500	12000	-4	25000	25000	0	50000	49000	-2
Chromium	125	120	-4	250	240	-4	500	470	-6
Cobalt	125	120	-4	250	240	-4	500	500	0
Copper	1250	1300	4	2500	2600	4	5000	5000	0
Iron	6250	6300	1	12500	12000	-4	25000	24000	-4
Lead	625	600	-4	1250	1200	-4	2500	2400	-4
Magnesium	12500	13000	4	25000	26000	4	50000	50000	0
Manganese	1250	1200	-4	2500	2500	0	5000	4900	-2
Nickel	125	130	4	250	260	4	500	500	0
Potassium	6250	5900	-6	12500	12000	-4	25000	25000	0
Selenium	125	120	-4	250	250	0	500	500	0
Silver	125	130	4	250	260	4	500	500	0
Sodium	12500	13000	4	25000	26000	4	50000	50000	0
Thallium	125	120	-4	250	250	0	500	490	-2
Vanadium	125	120	-4	250	240	-4	500	480	-4
Zinc	1250	1300	4	2500	2500	0	5000	5000	0

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	19000	-5	100000	100000	0			
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	1000	0						
Cadmium	1000	1000	0						
Calcium	100000	100000	0	500000	500000	0			
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	10000	0						
Iron	50000	52000	4	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	100000	0	500000	500000	0			
Manganese	10000	10000	0						
Nickel	1000	990	-1						
Potassium	50000	49000	-2	250000	250000	0			
Selenium	1000	1000	0						
Silver	1000	1000	0						
Sodium	100000	100000	0	500000	500000	0			
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	10000	0						