

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51974 MA No.: _____ SDG No.: MBHH96
 Instrument ID: P4 Start Date: 01/27/2025
 Analytical Method: ICP-AES Run Batch: LB134438
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.050	0	200	180	-10	38750	36000	-7
Antimony	0	0.010	0	60	56	-7	1250	1200	-4
Arsenic	0	0.0	0	10	10	0	1250	1200	-4
Barium	0	0.030	0	200	190	-5	2500	2400	-4
Beryllium	0	-0	0	5	5.3	6	125	130	4
Cadmium	0	-0	0	5	5.1	2	625	640	2
Calcium	0	0.14	0	5000	5000	0	62500	61000	-2
Chromium	0	-0	0	10	11	10	3875	4200	8
Cobalt	0	-0	0	50	50	0	625	640	2
Copper	0	-0	0	25	29	16	3750	3700	-1
Iron	0	-0.010	0	100	110	10	37500	38000	1
Lead	0	-0	0	10	11	10	6250	6400	2
Magnesium	0	0.99	0	5000	4400	-12	62500	59000	-6
Manganese	0	-0	0	15	15	0	3750	3700	-1
Nickel	0	-0	0	40	41	3	625	650	4
Potassium	0	0.86	0	5000	4600	-8	37500	35000	-7
Selenium	0	0.010	0	35	31	-11	1250	1200	-4
Silver	0	0.0	0	10	9.6	-4	312.5	300	-4
Sodium	0	0.66	0	5000	4900	-2	37500	36000	-4
Thallium	0	-0.010	0	25	28	12	1250	1300	4
Vanadium	0	-0.010	0	50	54	8	625	640	2
Zinc	0	0.0	0	60	59	-2	3750	3600	-4

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	77500	75000	-3	155000	150000	-3	310000	310000	0
Antimony	2500	2500	0	5000	4800	-4	10000	10000	0
Arsenic	2500	2500	0	5000	4800	-4	10000	10000	0
Barium	5000	4900	-2	10000	9500	-5	20000	21000	5
Beryllium	250	260	4	500	500	0	1000	990	-1
Cadmium	1250	1300	4	2500	2500	0	5000	4900	-2
Calcium	125000	130000	4	250000	240000	-4	500000	500000	0
Chromium	7750	8300	7	15500	16000	3	31000	30000	-3
Cobalt	1250	1300	4	2500	2500	0	5000	5000	0
Copper	7500	7500	0	15000	14000	-7	30000	31000	3
Iron	75000	79000	5	150000	150000	0	300000	300000	0
Lead	12500	13000	4	25000	25000	0	50000	49000	-2
Magnesium	125000	120000	-4	250000	240000	-4	500000	510000	2
Manganese	7500	7700	3	15000	15000	0	30000	30000	0
Nickel	1250	1300	4	2500	2500	0	5000	4900	-2
Potassium	75000	74000	-1	150000	150000	0	300000	310000	3
Selenium	2500	2500	0	5000	4800	-4	10000	10000	0
Silver	625	620	-1	1250	1200	-4	2500	2600	4
Sodium	75000	74000	-1	150000	140000	-7	300000	300000	0
Thallium	2500	2700	8	5000	5000	0	10000	9700	-3
Vanadium	1250	1300	4	2500	2500	0	5000	5000	0
Zinc	7500	7600	1	15000	14000	-7	30000	31000	3

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	810000	1						
Antimony	0	0.0	0						
Arsenic	0	0.0	0						
Barium	0	0.0	0						
Beryllium	0	0.0	0						
Cadmium	0	0.0	0						
Calcium	800000	800000	0						
Chromium	0	0.0	0						
Cobalt	0	0.0	0						
Copper	0	0.0	0						
Iron	800000	790000	-1						
Lead	0	0.0	0						
Magnesium	800000	810000	1						
Manganese	0	0.0	0						
Nickel	0	0.0	0						
Potassium	0	0.0	0						
Selenium	0	0.0	0						
Silver	0	0.0	0						
Sodium	800000	810000	1						
Thallium	0	0.0	0						
Vanadium	0	0.0	0						
Zinc	0	0.0	0						