

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE4R9
 Instrument ID: P5 Start Date: 10/30/2024
 Analytical Method: ICP-AES Run Batch: LB133243
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.010	0	200	190	-5	38750	38000	-2
Antimony	0	0.020	0	60	53	-12	1250	1100	-12
Arsenic	0	0.0	0	10	8.5	-15	1250	1200	-4
Barium	0	-0.020	0	200	210	5	2500	2500	0
Beryllium	0	-0	0	5	5.4	8	125	130	4
Cadmium	0	-0	0	5	5.3	6	625	640	2
Calcium	0	-0.98	0	5000	5500	10	62500	65000	4
Chromium	0	-0	0	10	10	0	3875	4100	6
Cobalt	0	-0	0	50	50	0	625	620	-1
Copper	0	-0	0	25	27	8	3750	3800	1
Iron	0	-0.010	0	100	89	-11	37500	41000	9
Lead	0	-0	0	10	10	0	6250	6300	1
Magnesium	0	-0.58	0	5000	5500	10	62500	62000	-1
Manganese	0	-0	0	15	17	13	3750	3900	4
Nickel	0	-0	0	40	42	5	625	630	1
Potassium	0	0.17	0	5000	5000	0	37500	36000	-4
Selenium	0	0.0	0	35	35	0	1250	1200	-4
Silver	0	-0	0	10	10	0	312.5	310	-1
Sodium	0	-0.030	0	5000	5100	2	37500	37000	-1
Thallium	0	-0.010	0	25	30	20	1250	1300	4
Vanadium	0	-0.010	0	50	58	16	625	650	4
Zinc	0	0.010	0	60	57	-5	3750	3500	-7

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	77500	77000	-1	155000	160000	3	310000	310000	0
Antimony	2500	2300	-8	5000	4800	-4	10000	10000	0
Arsenic	2500	2400	-4	5000	5000	0	10000	10000	0
Barium	5000	5100	2	10000	10000	0	20000	20000	0
Beryllium	250	260	4	500	510	2	1000	980	-2
Cadmium	1250	1300	4	2500	2500	0	5000	4900	-2
Calcium	125000	130000	4	250000	260000	4	500000	500000	0
Chromium	7750	8100	5	15500	16000	3	31000	30000	-3
Cobalt	1250	1300	4	2500	2500	0	5000	4900	-2
Copper	7500	7600	1	15000	15000	0	30000	30000	0
Iron	75000	81000	8	150000	160000	7	300000	300000	0
Lead	12500	13000	4	25000	25000	0	50000	49000	-2
Magnesium	125000	130000	4	250000	260000	4	500000	500000	0
Manganese	7500	7800	4	15000	15000	0	30000	29000	-3
Nickel	1250	1300	4	2500	2500	0	5000	4900	-2
Potassium	75000	74000	-1	150000	150000	0	300000	300000	0
Selenium	2500	2400	-4	5000	4900	-2	10000	10000	0
Silver	625	630	1	1250	1300	4	2500	2500	0
Sodium	75000	75000	0	150000	150000	0	300000	290000	-3
Thallium	2500	2600	4	5000	5100	2	10000	9700	-3
Vanadium	1250	1300	4	2500	2600	4	5000	4900	-2
Zinc	7500	7200	-4	15000	15000	0	30000	31000	3

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	800000	0						
Calcium	800000	790000	-1						
Iron	800000	780000	-3						
Magnesium	800000	800000	0						
Sodium	800000	800000	0						