

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51900 MA No.: _____ SDG No.: ME2946
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
Calcium	0	0.14	0	5000	5000	0	62500	61000	-2
Iron	0	-0.010	0	100	110	10	37500	38000	1
Magnesium	0	0.99	0	5000	4400	-12	62500	59000	-6
Potassium	0	0.86	0	5000	4600	-8	37500	35000	-7
Sodium	0	0.66	0	5000	4900	-2	37500	36000	-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
Calcium	125000	130000	4	250000	240000	-4	500000	500000	0
Iron	75000	79000	5	150000	150000	0	300000	300000	0
Magnesium	125000	120000	-4	250000	240000	-4	500000	510000	2
Potassium	75000	74000	-1	150000	150000	0	300000	310000	3
Sodium	75000	74000	-1	150000	140000	-7	300000	300000	0

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	810000	1						
Calcium	800000	800000	0						
Iron	800000	790000	-1						
Magnesium	800000	810000	1						
Potassium	0	0.0	0						
Sodium	800000	810000	1						

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Analytical Method: ICP-AES Run Batch: LB134460
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.080	0	200	170	-15	38750	35000	-10
Calcium	0	0.72	0	5000	4600	-8	62500	60000	-4
Iron	0	0.0	0	100	99	-1	37500	38000	1
Magnesium	0	1.6	0	5000	4100	-18	62500	57000	-9
Potassium	0	1.1	0	5000	4300	-14	37500	35000	-7
Sodium	0	1.4	0	5000	4500	-10	37500	35000	-7

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	77500	72000	-7	155000	150000	-3	310000	300000	-3
Calcium	125000	120000	-4	250000	250000	0	500000	490000	-2
Iron	75000	76000	1	150000	150000	0	300000	290000	-3
Magnesium	125000	120000	-4	250000	250000	0	500000	490000	-2
Potassium	75000	73000	-3	150000	150000	0	300000	300000	0
Sodium	75000	70000	-7	150000	140000	-7	300000	290000	-3

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	830000	4						
Calcium	800000	820000	3						
Iron	800000	800000	0						
Magnesium	800000	830000	4						
Potassium	0	0.0	0						
Sodium	800000	830000	4						