

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51988 MA No.: _____ SDG No.: MBHHA0
 Instrument ID: P5 Start Date: 02/05/2025
 Analytical Method: ICP-AES Run Batch: LB134591
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	-0.010	0	200	210	5	38750	38000	-2
Antimony	0	0.010	0	60	58	-3	1250	1200	-4
Arsenic	0	-0	0	10	11	10	1250	1300	4
Barium	0	-0.010	0	200	210	5	2500	2500	0
Beryllium	0	-0	0	5	5.4	8	125	130	4
Cadmium	0	0.0	0	5	4.6	-8	625	600	-4
Calcium	0	-0.32	0	5000	5100	2	62500	63000	1
Chromium	0	-0	0	10	11	10	3875	4000	3
Cobalt	0	-0	0	50	50	0	625	620	-1
Copper	0	-0	0	25	26	4	3750	3800	1
Iron	0	-0.010	0	100	100	0	37500	39000	4
Lead	0	0.0	0	10	8.7	-13	6250	6100	-2
Magnesium	0	-0.48	0	5000	5100	2	62500	65000	4
Manganese	0	-0	0	15	16	7	3750	3900	4
Nickel	0	0.0	0	40	38	-5	625	610	-2
Potassium	0	-0.28	0	5000	5100	2	37500	38000	1
Selenium	0	0.010	0	35	32	-9	1250	1200	-4
Silver	0	0.0	0	10	9.9	-1	312.5	310	-1
Sodium	0	-0.83	0	5000	6000	20	37500	38000	1
Thallium	0	-0	0	25	26	4	1250	1300	4
Vanadium	0	-0	0	50	48	-4	625	630	1
Zinc	0	0.0	0	60	60	0	3750	3600	-4

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 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	77500	78000	1	155000	150000	-3	310000	300000	-3
Antimony	2500	2500	0	5000	4900	-2	10000	10000	0
Arsenic	2500	2600	4	5000	5100	2	10000	9700	-3
Barium	5000	5200	4	10000	10000	0	20000	20000	0
Beryllium	250	260	4	500	500	0	1000	980	-2
Cadmium	1250	1300	4	2500	2500	0	5000	5000	0
Calcium	125000	130000	4	250000	250000	0	500000	490000	-2
Chromium	7750	8200	6	15500	16000	3	31000	30000	-3
Cobalt	1250	1300	4	2500	2500	0	5000	5000	0
Copper	7500	7800	4	15000	15000	0	30000	30000	0
Iron	75000	79000	5	150000	150000	0	300000	290000	-3
Lead	12500	13000	4	25000	25000	0	50000	50000	0
Magnesium	125000	130000	4	250000	250000	0	500000	490000	-2
Manganese	7500	7900	5	15000	15000	0	30000	29000	-3
Nickel	1250	1300	4	2500	2500	0	5000	5000	0
Potassium	75000	78000	4	150000	150000	0	300000	300000	0
Selenium	2500	2500	0	5000	4900	-2	10000	10000	0
Silver	625	630	1	1250	1200	-4	2500	2500	0
Sodium	75000	76000	1	150000	150000	0	300000	290000	-3
Thallium	2500	2600	4	5000	5000	0	10000	9800	-2
Vanadium	1250	1300	4	2500	2500	0	5000	4900	-2
Zinc	7500	7500	0	15000	15000	0	30000	30000	0

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Analytical Method: ICP-AES Run Batch: LB134591
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	810000	1						
Calcium	800000	800000	0						
Iron	800000	800000	0						
Magnesium	800000	810000	1						
Sodium	800000	810000	1						

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51988 MA No.: _____ SDG No.: MBHHA0
 Instrument ID: P5 Start Date: 02/07/2025
 Analytical Method: ICP-AES Run Batch: LB134645
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	-0.030	0	200	240	20	38750	38000	-2
Antimony	0	0.010	0	60	58	-3	1250	1200	-4
Arsenic	0	-0	0	10	11	10	1250	1300	4
Barium	0	-0.020	0	200	210	5	2500	2500	0
Beryllium	0	-0	0	5	5.3	6	125	130	4
Cadmium	0	0.0	0	5	5.0	0	625	620	-1
Calcium	0	-0.52	0	5000	5300	6	62500	64000	2
Chromium	0	-0	0	10	11	10	3875	4000	3
Cobalt	0	-0	0	50	53	6	625	640	2
Copper	0	-0	0	25	28	12	3750	3800	1
Iron	0	-0.010	0	100	100	0	37500	39000	4
Lead	0	0.0	0	10	9.7	-3	6250	6300	1
Magnesium	0	-0.49	0	5000	5200	4	62500	65000	4
Manganese	0	-0	0	15	17	13	3750	3900	4
Nickel	0	-0	0	40	40	0	625	630	1
Potassium	0	-0.43	0	5000	5400	8	37500	38000	1
Selenium	0	0.0	0	35	36	3	1250	1200	-4
Silver	0	0.0	0	10	9.7	-3	312.5	310	-1
Sodium	0	0.21	0	5000	5100	2	37500	37000	-1
Thallium	0	-0.010	0	25	28	12	1250	1300	4
Vanadium	0	-0.010	0	50	56	12	625	640	2
Zinc	0	0.010	0	60	60	0	3750	3600	-4

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 Instrument ID: P5 Start Date: 02/07/2025
 Analytical Method: ICP-AES Run Batch: LB134645
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	77500	76000	-2	155000	150000	-3	310000	310000	0
Antimony	2500	2400	-4	5000	4900	-2	10000	10000	0
Arsenic	2500	2600	4	5000	5000	0	10000	9800	-2
Barium	5000	5000	0	10000	10000	0	20000	20000	0
Beryllium	250	260	4	500	500	0	1000	990	-1
Cadmium	1250	1300	4	2500	2500	0	5000	5000	0
Calcium	125000	130000	4	250000	250000	0	500000	500000	0
Chromium	7750	7900	2	15500	16000	3	31000	31000	0
Cobalt	1250	1300	4	2500	2500	0	5000	5000	0
Copper	7500	7500	0	15000	15000	0	30000	30000	0
Iron	75000	77000	3	150000	150000	0	300000	300000	0
Lead	12500	13000	4	25000	25000	0	50000	50000	0
Magnesium	125000	130000	4	250000	250000	0	500000	490000	-2
Manganese	7500	7600	1	15000	15000	0	30000	30000	0
Nickel	1250	1300	4	2500	2500	0	5000	5000	0
Potassium	75000	75000	0	150000	150000	0	300000	300000	0
Selenium	2500	2400	-4	5000	4900	-2	10000	10000	0
Silver	625	620	-1	1250	1200	-4	2500	2500	0
Sodium	75000	74000	-1	150000	150000	0	300000	290000	-3
Thallium	2500	2600	4	5000	5000	0	10000	9800	-2
Vanadium	1250	1300	4	2500	2500	0	5000	5000	0
Zinc	7500	7100	-5	15000	15000	0	30000	31000	3

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Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	810000	1						
Calcium	800000	800000	0						
Iron	800000	800000	0						
Magnesium	800000	800000	0						
Sodium	800000	810000	1						