FORM 15-IN

INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE543

Instrument ID: P5 Start Date: 11/11/2024

Analytical Method: ICP-AES Run Batch: LB133387

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.030	0	200	190	-5	38750	37000	-5
Antimony	0	0.020	0	60	54	-10	1250	1100	-12
Arsenic	0	-0	0	10	11	10	1250	1200	-4
Barium	0	-0.020	0	200	220	10	2500	2500	0
Beryllium	0	-0	0	5	5.5	10	125	130	4
Cadmium	0	-0	0	5	5.4	8	625	640	2
Calcium	0	-0.59	0	5000	5600	12	62500	64000	2
Chromium	0	-0	0	10	10	0	3875	4100	6
Cobalt	0	-0	0	50	51	2	625	630	1
Copper	0	0.0	0	25	22	-12	3750	3800	1
Iron	0	0.010	0	100	77	-23	37500	40000	7
Lead	0	0.0	0	10	8.8	-12	6250	6300	1
Magnesium	0	0.15	0	5000	5300	6	62500	60000	-4
Manganese	0	-0	0	15	18	20	3750	3900	4
Nickel	0	-0	0	40	43	8	625	640	2
Potassium	0	0.17	0	5000	5200	4	37500	36000	-4
Selenium	0	0.010	0	35	25	-29	1250	1200	-4
Silver	0	-0	0	10	11	10	312.5	310	-1
Sodium	0	0.16	0	5000	5200	4	37500	37000	-1
Thallium	0	0.0	0	25	23	-8	1250	1300	4
Vanadium	0	-0.010	0	50	58	16	625	640	2
Zinc	0	0.010	0	60	59	-2	3750	3600	-4

FORM 15-IN

INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE543

Instrument ID: P5 Start Date: 11/11/2024

Analytical Method: ICP-AES Run Batch: LB133387

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	77500	75000	-3	155000	150000	-3	310000	310000	0
Antimony	2500	2300	-8	5000	4600	-8	10000	11000	10
Arsenic	2500	2400	-4	5000	4800	-4	10000	10000	0
Barium	5000	5100	2	10000	9800	-2	20000	20000	0
Beryllium	250	260	4	500	490	-2	1000	1000	0
Cadmium	1250	1300	4	2500	2500	0	5000	5000	0
Calcium	125000	130000	4	250000	240000	-4	500000	500000	0
Chromium	7750	8100	5	15500	15000	-3	31000	31000	0
Cobalt	1250	1300	4	2500	2400	-4	5000	5000	0
Copper	7500	7500	0	15000	15000	0	30000	30000	0
Iron	75000	78000	4	150000	150000	0	300000	300000	0
Lead	12500	13000	4	25000	24000	-4	50000	50000	0
Magnesium	125000	120000	-4	250000	240000	-4	500000	500000	0
Manganese	7500	7700	3	15000	15000	0	30000	30000	0
Nickel	1250	1300	4	2500	2400	-4	5000	5000	0
Potassium	75000	73000	-3	150000	140000	-7	300000	310000	3
Selenium	2500	2300	-8	5000	4600	-8	10000	11000	10
Silver	625	610	-2	1250	1200	-4	2500	2600	4
Sodium	75000	73000	-3	150000	140000	-7	300000	300000	0
Thallium	2500	2600	4	5000	4900	-2	10000	9900	-1
Vanadium	1250	1300	4	2500	2400	-4	5000	5000	0
Zinc	7500	7200	-4	15000	14000	-7	30000	31000	3

FORM 15-IN

INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE543

Instrument ID: P5 Start Date: 11/11/2024

Analytical Method: ICP-AES Run Batch: LB133387

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	810000	1						
Calcium	800000	800000	0						
Iron	800000	790000	-1						
Magnesium	800000	820000	3						
Sodium	800000	810000	1						

FORM 15-IN

INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE543

Instrument ID: P5 Start Date: 11/14/2024

Analytical Method: ICP-AES Run Batch: LB133461

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.010	0	200	210	5	38750	37000	-5
Antimony	0	0.020	0	60	53	-12	1250	1100	-12
Arsenic	0	0.0	0	10	9.3	-7	1250	1100	-12
Barium	0	-0.010	0	200	210	5	2500	2500	0
Beryllium	0	-0	0	5	5.7	14	125	130	4
Cadmium	0	-0	0	5	5.5	10	625	620	-1
Calcium	0	-0.83	0	5000	5600	12	62500	64000	2
Chromium	0	-0	0	10	9.9	-1	3875	4000	3
Cobalt	0	0.0	0	50	50	0	625	610	-2
Copper	0	0.010	0	25	19	-24	3750	3800	1
Iron	0	-0.040	0	100	120	20	37500	40000	7
Lead	0	0.0	0	10	7.2	-28	6250	6100	-2
Magnesium	0	-0.19	0	5000	5400	8	62500	61000	-2
Manganese	0	-0	0	15	16	7	3750	3900	4
Nickel	0	-0	0	40	42	5	625	620	-1
Potassium	0	0.43	0	5000	5000	0	37500	36000	-4
Selenium	0	0.010	0	35	31	-11	1250	1100	-12
Silver	0	-0	0	10	13	30	312.5	310	-1
Sodium	0	-0.24	0	5000	5300	6	37500	37000	-1
Thallium	0	-0	0	25	25	0	1250	1300	4
Vanadium	0	-0	0	50	53	6	625	630	1
Zinc	0	0.010	0	60	57	-5	3750	3400	-9

FORM 15-IN

INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE543

Instrument ID: P5 Start Date: 11/14/2024

Analytical Method: ICP-AES Run Batch: LB133461

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	77500	75000	-3	155000	150000	-3	310000	310000	0
Antimony	2500	2200	-12	5000	4700	-6	10000	11000	10
Arsenic	2500	2400	-4	5000	4800	-4	10000	10000	0
Barium	5000	5000	0	10000	9900	-1	20000	20000	0
Beryllium	250	250	0	500	490	-2	1000	1000	0
Cadmium	1250	1300	4	2500	2500	0	5000	5000	0
Calcium	125000	130000	4	250000	250000	0	500000	510000	2
Chromium	7750	7900	2	15500	15000	-3	31000	31000	0
Cobalt	1250	1200	-4	2500	2500	0	5000	5100	2
Copper	7500	7500	0	15000	15000	0	30000	30000	0
Iron	75000	79000	5	150000	150000	0	300000	310000	3
Lead	12500	12000	-4	25000	25000	0	50000	51000	2
Magnesium	125000	120000	-4	250000	250000	0	500000	510000	2
Manganese	7500	7700	3	15000	15000	0	30000	30000	0
Nickel	1250	1300	4	2500	2500	0	5000	5000	0
Potassium	75000	72000	-4	150000	150000	0	300000	310000	3
Selenium	2500	2300	-8	5000	4700	-6	10000	11000	10
Silver	625	610	-2	1250	1200	-4	2500	2600	4
Sodium	75000	74000	-1	150000	150000	0	300000	310000	3
Thallium	2500	2600	4	5000	5000	0	10000	9900	-1
Vanadium	1250	1200	-4	2500	2500	0	5000	5000	0
Zinc	7500	7000	-7	15000	14000	-7	30000	32000	7

FORM 15-IN

INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE543

Instrument ID: P5 Start Date: 11/14/2024

Analytical Method: ICP-AES Run Batch: LB133461

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	800000	810000	1						
Calcium	800000	780000	-3						
Iron	800000	780000	-3						
Magnesium	800000	800000	0						
Sodium	800000	800000	0						