

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: _____ SDG No.: YE8F8
 Instrument ID: P8 Start Date: 01/24/2025
 Analytical Method: ICP-MS Run Batch: LB134440
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	18	-10	1000	1000	0
Antimony	0	0.0	0	2	1.9	-5	50	51	2
Arsenic	0	0.0	0	1	1.0	0	50	53	6
Barium	0	0.0	0	10	9.4	-6	250	250	0
Beryllium	0	0.0	0	1	0.96	-4	50	52	4
Cadmium	0	0.0	0	1	1.0	0	50	53	6
Calcium	0	0.0	0	500	480	-4	5000	5200	4
Chromium	0	0.0	0	2	1.9	-5	50	51	2
Cobalt	0	0.0	0	1	1.0	0	50	52	4
Copper	0	0.0	0	2	2.1	5	500	560	12
Iron	0	0.0	0	50	50	0	2500	2600	4
Lead	0	0.0	0	1	0.9	-10	250	260	4
Magnesium	0	0.0	0	500	510	2	5000	5400	8
Manganese	0	0.0	0	1	0.97	-3	500	510	2
Molybdenum	0	0.0	0	5	4.6	-8	500	520	4
Nickel	0	0.0	0	1	0.98	-2	50	56	12
Potassium	0	0.0	0	500	460	-8	2500	2500	0
Selenium	0	0.0	0	5	5.2	4	50	54	8
Silver	0	0.0	0	1	0.94	-6	50	53	6
Sodium	0	0.0	0	500	490	-2	5000	5400	8
Strontium	0	0.0	0	1	0.91	-9	50	53	6
Thallium	0	0.0	0	1	0.89	-11	50	49	-2
Vanadium	0	0.0	0	5	4.7	-6	50	51	2
Zinc	0	0.0	0	5	4.9	-2	500	530	6

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 Analytical Method: ICP-MS Run Batch: LB134440
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2600	4	5000	5000	0	10000	10000	0
Antimony	125	130	4	250	260	4	500	510	2
Arsenic	125	130	4	250	260	4	500	520	4
Barium	625	640	2	1250	1300	4	2500	2500	0
Beryllium	125	130	4	250	260	4	500	520	4
Cadmium	125	130	4	250	250	0	500	500	0
Calcium	12500	13000	4	25000	26000	4	50000	51000	2
Chromium	125	130	4	250	250	0	500	510	2
Cobalt	125	130	4	250	260	4	500	530	6
Copper	1250	1400	12	2500	2700	8	5000	5300	6
Iron	6250	6600	6	12500	13000	4	25000	25000	0
Lead	625	630	1	1250	1300	4	2500	2500	0
Magnesium	12500	14000	12	25000	27000	8	50000	53000	6
Manganese	1250	1400	12	2500	2700	8	5000	5200	4
Molybdenum	1250	1300	4	2500	2600	4	5000	5100	2
Nickel	125	140	12	250	270	8	500	530	6
Potassium	6250	6300	1	12500	13000	4	25000	25000	0
Selenium	125	130	4	250	260	4	500	520	4
Silver	125	140	12	250	270	8	500	520	4
Sodium	12500	13000	4	25000	26000	4	50000	52000	4
Strontium	125	130	4	250	260	4	500	510	2
Thallium	125	130	4	250	250	0	500	500	0
Vanadium	125	130	4	250	250	0	500	500	0
Zinc	1250	1300	4	2500	2600	4	5000	5300	6

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 Analytical Method: ICP-MS Run Batch: LB134440
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	19000	-5	100000	100000	0			
Antimony	1000	990	-1						
Arsenic	1000	990	-1						
Barium	5000	5000	0						
Beryllium	1000	990	-1						
Cadmium	1000	1000	0						
Calcium	100000	98000	-2	500000	500000	0			
Chromium	1000	990	-1						
Cobalt	1000	980	-2						
Copper	10000	9800	-2						
Iron	50000	50000	0	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	100000	0	500000	500000	0			
Manganese	10000	9800	-2						
Molybdenum	10000	9900	-1						
Nickel	1000	980	-2						
Potassium	50000	48000	-4	250000	250000	0			
Selenium	1000	990	-1						
Silver	1000	990	-1						
Sodium	100000	99000	-1	500000	500000	0			
Strontium	1000	990	-1						
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	9800	-2						

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: _____ SDG No.: YE8F8
 Instrument ID: P8 Start Date: 01/31/2025
 Analytical Method: ICP-MS Run Batch: LB134543
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	20	0	1000	980	-2
Antimony	0	0.0	0	2	2.1	5	50	49	-2
Arsenic	0	0.0	0	1	1.2	20	50	50	0
Barium	0	0.0	0	10	10	0	250	250	0
Beryllium	0	0.0	0	1	1.1	10	50	51	2
Cadmium	0	0.0	0	1	1.1	10	50	51	2
Calcium	0	0.0	0	500	540	8	5000	5200	4
Chromium	0	0.0	0	2	2.0	0	50	50	0
Cobalt	0	0.0	0	1	1.1	10	50	52	4
Copper	0	0.0	0	2	2.1	5	500	530	6
Iron	0	0.0	0	50	52	4	2500	2500	0
Lead	0	0.0	0	1	1.0	0	250	250	0
Magnesium	0	0.0	0	500	520	4	5000	5100	2
Manganese	0	0.0	0	1	0.98	-2	500	500	0
Molybdenum	0	0.0	0	5	5.2	4	500	520	4
Nickel	0	0.0	0	1	1.2	20	50	55	10
Potassium	0	0.0	0	500	490	-2	2500	2400	-4
Selenium	0	0.0	0	5	6.5	30	50	52	4
Silver	0	0.0	0	1	1.0	0	50	51	2
Sodium	0	0.0	0	500	500	0	5000	5000	0
Thallium	0	0.0	0	1	0.98	-2	50	48	-4
Vanadium	0	0.0	0	5	5.1	2	50	50	0
Zinc	0	0.0	0	5	5.1	2	500	520	4

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 Instrument ID: P8 Start Date: 01/31/2025
 Analytical Method: ICP-MS Run Batch: LB134543
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2400	-4	5000	4900	-2	10000	9300	-7
Antimony	125	130	4	250	260	4	500	510	2
Arsenic	125	130	4	250	250	0	500	500	0
Barium	625	660	6	1250	1300	4	2500	2500	0
Beryllium	125	130	4	250	250	0	500	510	2
Cadmium	125	130	4	250	250	0	500	490	-2
Calcium	12500	13000	4	25000	25000	0	50000	50000	0
Chromium	125	120	-4	250	250	0	500	480	-4
Cobalt	125	130	4	250	260	4	500	490	-2
Copper	1250	1400	12	2500	2700	8	5000	5000	0
Iron	6250	6200	-1	12500	12000	-4	25000	24000	-4
Lead	625	660	6	1250	1200	-4	2500	2500	0
Magnesium	12500	13000	4	25000	26000	4	50000	49000	-2
Manganese	1250	1200	-4	2500	2600	4	5000	5000	0
Molybdenum	1250	1300	4	2500	2500	0	5000	5000	0
Nickel	125	130	4	250	270	8	500	510	2
Potassium	6250	5900	-6	12500	12000	-4	25000	24000	-4
Selenium	125	140	12	250	250	0	500	510	2
Silver	125	130	4	250	260	4	500	510	2
Sodium	12500	13000	4	25000	26000	4	50000	49000	-2
Thallium	125	130	4	250	250	0	500	500	0
Vanadium	125	130	4	250	260	4	500	500	0
Zinc	1250	1300	4	2500	2600	4	5000	4900	-2

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 Analytical Method: ICP-MS Run Batch: LB134543
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	19000	-5	100000	100000	0			
Antimony	1000	990	-1						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	1000	0						
Cadmium	1000	1000	0						
Calcium	100000	100000	0	500000	500000	0			
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	9900	-1						
Iron	50000	47000	-6	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	98000	-2	500000	500000	0			
Manganese	10000	10000	0						
Molybdenum	10000	10000	0						
Nickel	1000	990	-1						
Potassium	50000	49000	-2	250000	250000	0			
Selenium	1000	990	-1						
Silver	1000	990	-1						
Sodium	100000	99000	-1	500000	500000	0			
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	10000	0						

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: _____ SDG No.: YE8F8
 Instrument ID: P8 Start Date: 02/11/2025
 Analytical Method: ICP-MS Run Batch: LB134674
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	19	-5	1000	1000	0
Antimony	0	0.0	0	2	2.2	10	50	51	2
Arsenic	0	0.0	0	1	1.0	0	50	51	2
Barium	0	0.0	0	10	11	10	250	260	4
Beryllium	0	0.0	0	1	1.1	10	50	51	2
Cadmium	0	0.0	0	1	1.1	10	50	52	4
Calcium	0	0.0	0	500	550	10	5000	5200	4
Chromium	0	0.0	0	2	2.1	5	50	51	2
Cobalt	0	0.0	0	1	1.1	10	50	53	6
Copper	0	0.0	0	2	2.3	15	500	550	10
Iron	0	0.0	0	50	55	10	2500	2700	8
Lead	0	0.0	0	1	1.0	0	250	250	0
Magnesium	0	0.0	0	500	540	8	5000	5300	6
Manganese	0	0.0	0	1	1.0	0	500	510	2
Molybdenum	0	0.0	0	5	5.2	4	500	500	0
Nickel	0	0.0	0	1	1.1	10	50	52	4
Potassium	0	0.0	0	500	510	2	2500	2500	0
Selenium	0	0.0	0	5	5.7	14	50	51	2
Silver	0	0.0	0	1	1.1	10	50	52	4
Sodium	0	0.0	0	500	540	8	5000	5400	8
Strontium	0	0.0	0	1	1.1	10	50	51	2
Thallium	0	0.0	0	1	1.0	0	50	50	0
Vanadium	0	0.0	0	5	5.3	6	50	51	2
Zinc	0	0.0	0	5	5.7	14	500	530	6

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 Analytical Method: ICP-MS Run Batch: LB134674
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2500	0	5000	4900	-2	10000	9800	-2
Antimony	125	130	4	250	250	0	500	500	0
Arsenic	125	130	4	250	250	0	500	510	2
Barium	625	640	2	1250	1300	4	2500	2500	0
Beryllium	125	130	4	250	250	0	500	510	2
Cadmium	125	130	4	250	250	0	500	510	2
Calcium	12500	13000	4	25000	25000	0	50000	52000	4
Chromium	125	120	-4	250	240	-4	500	510	2
Cobalt	125	130	4	250	260	4	500	520	4
Copper	1250	1300	4	2500	2600	4	5000	5100	2
Iron	6250	6500	4	12500	13000	4	25000	27000	8
Lead	625	620	-1	1250	1200	-4	2500	2500	0
Magnesium	12500	13000	4	25000	26000	4	50000	51000	2
Manganese	1250	1300	4	2500	2600	4	5000	5100	2
Molybdenum	1250	1200	-4	2500	2500	0	5000	5000	0
Nickel	125	130	4	250	250	0	500	490	-2
Potassium	6250	6100	-2	12500	13000	4	25000	25000	0
Selenium	125	130	4	250	260	4	500	500	0
Silver	125	130	4	250	260	4	500	510	2
Sodium	12500	13000	4	25000	26000	4	50000	53000	6
Strontium	125	130	4	250	250	0	500	500	0
Thallium	125	130	4	250	250	0	500	500	0
Vanadium	125	120	-4	250	250	0	500	500	0
Zinc	1250	1300	4	2500	2500	0	5000	5200	4

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 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	20000	0	100000	100000	0			
Antimony	1000	1000	0						
Arsenic	1000	990	-1						
Barium	5000	5000	0						
Beryllium	1000	1000	0						
Cadmium	1000	1000	0						
Calcium	100000	100000	0	500000	500000	0			
Chromium	1000	1000	0						
Cobalt	1000	990	-1						
Copper	10000	9900	-1						
Iron	50000	52000	4	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	100000	0	500000	500000	0			
Manganese	10000	10000	0						
Molybdenum	10000	10000	0						
Nickel	1000	1000	0						
Potassium	50000	48000	-4	250000	250000	0			
Selenium	1000	1000	0						
Silver	1000	990	-1						
Sodium	100000	100000	0	500000	500000	0			
Strontium	1000	1000	0						
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	9900	-1						