

FORM 9-IN
METHOD DETECTION LIMIT

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHN18
Analytical Method: ICP-AES Instrument ID: P4
Preparation Method: _____
Concentration Units ($\mu\text{g/L}$, μg or mg/kg): $\mu\text{g/L}$

Analyte	Wavelength/Mass	MDL	Date Analyzed
Aluminum	396.15	24.0	12/17/2024
Aluminum	396.15	20.0	01/26/2024
Antimony	206.83	4.8	12/17/2024
Antimony	206.83	6.3	10/19/2023
Arsenic	189.04	2.9	12/17/2024
Arsenic	189.04	4.9	01/26/2024
Barium	493.41	3.8	12/17/2024
Barium	493.41	6.9	10/19/2023
Beryllium	234.86	0.18	12/17/2024
Beryllium	234.86	0.37	10/19/2023
Cadmium	214.438	0.23	12/17/2024
Cadmium	214.44	0.26	10/19/2023
Calcium	373.69	120	12/17/2024
Calcium	373.69	150	10/19/2023
Chromium	267.72	0.57	12/17/2024
Chromium	267.72	0.80	10/19/2023
Cobalt	228.62	1.0	12/17/2024
Cobalt	228.62	2.0	10/19/2023
Copper	324.754	2.5	12/17/2024
Copper	324.75	5.3	10/19/2023
Iron	259.837	16.0	12/17/2024
Iron	259.83	20.0	01/26/2024
Lead	220.35	2.3	12/17/2024
Lead	220.35	2.9	10/19/2023
Magnesium	279.08	240	12/17/2024
Magnesium	279.08	140	10/19/2023
Manganese	257.61	0.43	12/17/2024
Manganese	257.61	1.4	10/19/2023
Nickel	231.60	0.45	12/17/2024
Nickel	231.60	1.8	10/19/2023

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Lab Code:	<u>ACE</u>	Case No.:	<u>51879</u>	MA No.:	<u></u>	SDG No.:	<u>MBHN18</u>
Analytical Method:	<u>ICP-AES</u>	Instrument ID:	<u>P4</u>				
Preparation Method:	<u></u>						
Concentration Units ($\mu\text{g/L}$, μg or mg/kg):	<u>ug/L</u>						

Analyte	Wavelength/Mass	MDL	Date Analyzed
Potassium	769.896	430	12/17/2024
Potassium	769.89	540	10/19/2023
Selenium	196.09	4.7	12/17/2024
Selenium	196.09	9.5	10/19/2023
Silver	328.07	0.27	12/17/2024
Silver	328.07	1.2	10/19/2023
Sodium	818.326	800	12/17/2024
Sodium	818.33	1200	10/19/2023
Thallium	190.86	2.9	12/17/2024
Thallium	190.86	11.0	10/19/2023
Vanadium	292.40	2.6	12/17/2024
Vanadium	292.40	5.8	10/19/2023
Zinc	213.86	3.0	12/29/2024
Zinc	213.86	8.3	10/19/2023

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Preparation Method: _____
Concentration Units ($\mu\text{g/L}$, μg or mg/kg): mg/kg

Analyte	Wavelength/Mass	MDL	Date Analyzed
Aluminum	396.15	2.5	12/17/2024
Aluminum	396.15	6.0	10/19/2023
Antimony	206.83	0.48	12/17/2024
Antimony	206.83	0.44	10/19/2023
Arsenic	189.04	0.27	12/17/2024
Arsenic	189.04	0.46	01/26/2024
Barium	493.41	0.82	12/17/2024
Barium	493.41	0.59	10/19/2023
Beryllium	234.86	0.0078	12/17/2024
Beryllium	234.86	0.026	10/19/2023
Cadmium	214.438	0.021	12/17/2024
Cadmium	214.44	0.033	10/19/2023
Calcium	373.69	14.0	12/17/2024
Calcium	373.69	14.0	10/19/2023
Chromium	267.72	0.068	12/17/2024
Chromium	267.72	0.085	10/19/2023
Cobalt	228.62	0.11	12/17/2024
Cobalt	228.62	0.095	10/19/2023
Copper	324.754	0.42	12/17/2024
Copper	324.75	0.60	10/19/2023
Iron	259.837	1.6	12/17/2024
Iron	259.83	2.3	01/26/2024
Lead	220.35	0.22	12/17/2024
Lead	220.35	0.27	10/19/2023
Magnesium	279.08	18.0	12/17/2024
Magnesium	279.08	15.0	10/19/2023
Manganese	257.61	0.056	12/17/2024
Manganese	257.61	0.21	10/19/2023
Nickel	231.60	0.12	12/17/2024
Nickel	231.60	0.11	10/19/2023

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Analytical Method: ICP-AES Instrument ID: P4

Preparation Method:

Concentration Units ($\mu\text{g/L}$, μg or mg/kg): mg/kg

Analyte	Wavelength/Mass	MDL	Date Analyzed
Potassium	769.896	34.0	12/17/2024
Potassium	769.89	62.0	10/19/2023
Selenium	196.09	0.41	12/17/2024
Selenium	196.09	0.78	10/19/2023
Silver	328.07	0.053	12/17/2024
Silver	328.07	0.095	10/19/2023
Sodium	818.326	67.0	12/17/2024
Sodium	818.33	97.0	10/19/2023
Thallium	190.86	0.38	12/17/2024
Thallium	190.86	0.70	10/19/2023
Vanadium	292.40	0.40	12/17/2024
Vanadium	292.40	0.47	10/19/2023
Zinc	213.86	0.40	12/29/2024
Zinc	213.86	0.72	10/19/2023

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHN18
Analytical Method: ICP-AES Instrument ID: P5
Preparation Method: 3050B
Concentration Units ($\mu\text{g/L}$, μg or mg/kg): mg/kg

Analyte	Wavelength/Mass	MDL	Date Analyzed
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