

FORM 9-IN
METHOD DETECTION LIMIT

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHME1
Analytical Method: ICP-AES Instrument ID: P5
Preparation Method: 200.7
Concentration Units ($\mu\text{g/L}$, μg or mg/kg): $\mu\text{g/L}$

Analyte	Wavelength/Mass	MDL	Date Analyzed
Aluminum	396.15	20.0	01/26/2024
Antimony	206.83	6.3	10/19/2023
Arsenic	189.04	4.9	01/26/2024
Barium	493.41	6.9	10/19/2023
Beryllium	234.86	0.37	10/19/2023
Cadmium	214.44	0.26	10/19/2023
Calcium	373.69	150	10/19/2023
Chromium	267.72	0.80	10/19/2023
Cobalt	228.62	2.0	10/19/2023
Copper	324.75	5.3	10/19/2023
Iron	259.83	20.0	01/26/2024
Lead	220.35	2.9	10/19/2023
Magnesium	279.08	140	10/19/2023
Manganese	257.61	1.4	10/19/2023
Nickel	231.60	1.8	10/19/2023
Potassium	769.89	540	10/19/2023
Selenium	196.09	9.5	10/19/2023
Silver	328.07	1.2	10/19/2023
Sodium	818.33	1200	10/19/2023
Thallium	190.86	11.0	10/19/2023
Vanadium	292.40	5.8	10/19/2023
Zinc	213.86	8.3	10/19/2023

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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
Aluminum	396.15	6.0	10/19/2023
Antimony	206.83	0.44	10/19/2023
Arsenic	189.04	0.46	01/26/2024
Barium	493.41	0.59	10/19/2023
Beryllium	234.86	0.026	10/19/2023
Cadmium	214.44	0.033	10/19/2023
Calcium	373.69	14.0	10/19/2023
Chromium	267.72	0.085	10/19/2023
Cobalt	228.62	0.095	10/19/2023
Copper	324.75	0.60	10/19/2023
Iron	259.83	2.3	01/26/2024
Lead	220.35	0.27	10/19/2023
Magnesium	279.08	15.0	10/19/2023
Manganese	257.61	0.21	10/19/2023
Nickel	231.60	0.11	10/19/2023
Potassium	769.89	62.0	10/19/2023
Selenium	196.09	0.78	10/19/2023
Silver	328.07	0.095	10/19/2023
Sodium	818.33	97.0	10/19/2023
Thallium	190.86	0.70	10/19/2023
Vanadium	292.40	0.47	10/19/2023
Zinc	213.86	0.72	10/19/2023

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Analyte	Wavelength/Mass	MDL	Date Analyzed
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