

FORM 9-IN
METHOD DETECTION LIMIT

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No.: _____ SDG No.: A6301
Analytical Method: ICP-MS Instrument ID: P7
Preparation Method: 200.8
Concentration Units ($\mu\text{g/L}$, μg or mg/kg): $\mu\text{g/L}$

Analyte	Wavelength/Mass	MDL	Date Analyzed
Aluminum	27	7.6	12/11/2023
Aluminum	27	7.0	12/11/2023
Antimony	121	0.10	12/11/2023
Antimony	121	0.097	12/11/2023
Arsenic	75	0.18	12/11/2023
Arsenic	75	0.12	12/11/2023
Barium	137	0.37	12/11/2023
Barium	137	0.34	12/11/2023
Beryllium	9	0.32	12/11/2023
Beryllium	9	0.071	12/11/2023
Cadmium	111	0.17	12/11/2023
Cadmium	111	0.26	12/11/2023
Calcium	44	14.0	12/11/2023
Calcium	44	60.0	12/11/2023
Chromium	52	0.20	12/11/2023
Chromium	52	0.099	12/11/2023
Cobalt	59	0.053	12/11/2023
Cobalt	59	0.050	12/11/2023
Copper	63	0.20	12/11/2023
Copper	63	0.42	12/11/2023
Iron	57	17.0	12/11/2023
Iron	57	14.0	12/11/2023
Lead	208	0.15	12/11/2023
Lead	208	0.21	12/11/2023
Magnesium	24	20.0	12/11/2023
Magnesium	24	29.0	12/11/2023
Manganese	55	0.29	12/11/2023
Manganese	55	0.35	12/11/2023
Nickel	60	0.19	12/11/2023
Nickel	60	0.19	12/11/2023

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

Analyte	Wavelength/Mass	MDL	Date Analyzed
Potassium	39	33.0	12/11/2023
Potassium	39	110	12/11/2023
Selenium	82	1.2	12/11/2023
Selenium	82	0.90	12/11/2023
Silver	107	0.087	12/11/2023
Silver	107	0.11	12/11/2023
Sodium	23	210	12/11/2023
Sodium	23	240	12/11/2023
Thallium	205	0.071	12/11/2023
Thallium	205	0.15	12/11/2023
Vanadium	51	0.036	12/11/2023
Vanadium	51	0.077	12/11/2023
Zinc	66	1.4	12/12/2023
Zinc	66	0.73	12/11/2023

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Preparation Method: 200.8
Concentration Units ($\mu\text{g/L}$, μg or mg/kg): mg/kg

Analyte	Wavelength/Mass	MDL	Date Analyzed
Aluminum	27	0.0	01/01/1900
Aluminum	27	0.0	01/01/1900
Antimony	121	0.040	12/11/2023
Antimony	121	0.046	12/11/2023
Arsenic	75	0.056	12/11/2023
Arsenic	75	0.10	12/11/2023
Barium	137	0.18	12/11/2023
Barium	137	0.16	12/11/2023
Beryllium	9	0.055	12/11/2023
Beryllium	9	0.076	12/11/2023
Cadmium	111	0.085	12/11/2023
Cadmium	111	0.090	12/11/2023
Calcium	44	0.0	01/01/1900
Calcium	44	0.0	01/01/1900
Chromium	52	0.068	12/11/2023
Chromium	52	0.080	12/11/2023
Cobalt	59	0.030	12/11/2023
Cobalt	59	0.035	12/11/2023
Copper	63	0.11	12/11/2023
Copper	63	0.37	12/11/2023
Iron	57	0.0	01/01/1900
Iron	57	0.0	01/01/1900
Lead	208	0.048	12/11/2023
Lead	208	0.15	12/11/2023
Magnesium	24	0.0	01/01/1900
Magnesium	24	0.0	01/01/1900
Manganese	55	0.18	12/11/2023
Manganese	55	0.12	02/07/2024
Nickel	60	0.13	12/11/2023
Nickel	60	0.081	12/11/2023

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

Analyte	Wavelength/Mass	MDL	Date Analyzed
Potassium	39	0.0	01/01/1900
Potassium	39	0.0	01/01/1900
Selenium	82	0.31	12/11/2023
Selenium	82	0.42	12/11/2023
Silver	107	0.047	12/11/2023
Silver	107	0.033	12/11/2023
Sodium	23	0.0	01/01/1900
Sodium	23	0.0	01/01/1900
Thallium	205	0.034	12/11/2023
Thallium	205	0.065	12/11/2023
Vanadium	51	0.025	12/11/2023
Vanadium	51	0.041	12/11/2023
Zinc	66	0.81	12/12/2023
Zinc	66	0.32	12/11/2023

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
Analytical Method: ICP-MS Instrument ID: P8
Preparation Method: 200.8
Concentration Units ($\mu\text{g/L}$, μg or mg/kg): mg/kg

Analyte	Wavelength/Mass	MDL	Date Analyzed
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