

Water Sciences Laboratory

Analyte/Protocol Price List

2022



**Nebraska
Water Center**
Daugherty Water for Food Global Institute

Elemental MS :: Water

Nebraska Water Center, a part of the
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Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
<p>Dissolved elements in water Protocol ID: 19_01_01</p> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;"> <p>*Protocol cost is per analyte, 20% discount for >5 analytes</p> </div> <p>Sample Container: 125 mL polyethylene bottle Sample Size: 50 mL Preservation: Add nitric acid to pH < 2, Cool, < 6°C Holding Time: 28 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>Reference: (2007), "EPA 6020A Inductively Coupled Plasma - Mass Spectrometry".</p>	<p>Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Cerium Chromium Cobalt Copper Europium Gadolinium Gold Hafnium Indium Iodide Iron Lanthanum Lead Lithium Manganese Mercury Molybdenum Neodymium Nickel Phosphorus Platinum</p>	<p>0.02 µg/L 0.08 µg/L 0.04 µg/L 0.2 µg/L 0.4 µg/L Pending 0.2 µg/L 0.009 µg/L 0.009 µg/L 0.01 µg/L 0.01 µg/L 0.02 µg/L 0.009 µg/L 0.02 µg/L 0.06 µg/L Pending 0.009 µg/L 0.5 µg/L 0.08 µg/L 0.02 µg/L 0.02 µg/L 0.2 µg/L 0.03 µg/L 0.3 µg/L 0.02 µg/L 0.01 µg/L 0.02 µg/L 3 µg/L Pending</p>	<p>\$18.90*</p>	<p>\$15.12*</p>

Turnaround times are subject to existing sample queues Reporting Limits are subject to verification

Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
	Praseodymium Samarium Scandium Selenium Silver Strontium Tellurium Thallium Thorium Tin Tungsten Uranium Vanadium Yttrium Zinc Zirconium	0.02 µg/L 0.02 µg/L 0.05 µg/L 0.2 µg/L 0.05 µg/L 0.02 µg/L Pending 0.06 µg/L 0.06 µg/L 0.06 µg/L 0.1 µg/L 0.03 µg/L 0.02 µg/L 0.01 µg/L 0.1 µg/L 0.02 µg/L		
<p>Semi-quantitative elemental analysis Protocol ID: 19_05_01</p> <div style="border: 3px double black; padding: 2px; width: fit-content; margin: 10px 0;"> <p>*Protocol cost is per analyte, 20% discount for >5 analytes</p> </div> <p>Sample Container: 125 mL polyethylene bottle Sample Size: 250 mL Preservation: Add nitric acid to pH < 2, Cool, < 6°C Holding Time: 28 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>Reference: (1994), "EPA 200.8 Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry".</p>	Individual elements		\$69.30*	\$55.44*
<p>Glyphosate/AMPA in water Protocol ID: 19_06_01</p> <p>Sample Container: 125 mL polyethylene bottle Sample Size: Pending Preservation: Cool, < 6°C Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p>	AMPA Glufosinate Glyphosate Inorganic P	5 µg/L Pending 5 µg/L Pending	\$131.20	\$104.96

Turnaround times are subject to existing sample queues Reporting Limits are subject to verification

Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
<p>As/Se speciation Protocol ID: 19_07_01</p> <p>Sample Container: 125 mL polyethylene bottle Sample Size: 50 mL Preservation: Edta 500 Holding Time: 28 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>References: Ammann, A. A. (2002), "Speciation of heavy metals in environmental water by ion chromatography coupled to ICP-MS", <i>Anal. Bioanal. Chem.</i> 372, 448-452.</p> <p>Barrero Moreno, J. M.; Garcia Alonso, J. I.; Arbore, P.; Nicolaou, G.; Koch, L. (1996), "Characterization of Spent Nuclear Fuels by Ion Chromatography-Inductively Coupled Plasma Mass Spectrometry", <i>J. Anal. At. Spectrom.</i> 11, 929-935.</p>	<p>Arsenic (III) Arsenic (V) Selenium (IV) Selenium (VI)</p>	<p>0.1 µg/L 0.7 µg/L 0.2 µg/L 0.2 µg/L</p>	<p>\$105.00</p>	<p>\$84.00</p>