

Water Sciences Laboratory

Analyte/Protocol Price List

2019



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

Nebraska Water Center, a part of the
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Matrix Protocol	Analyte	Reporting Level	Protocol Cost	NU Cost (20% discount)
ELEMENTAL				
WATER				
<p>Dissolved elements in water Protocol ID: 19_01_01</p> <p>Reference: (2007), "EPA 6020A Inductively Coupled Plasma - Mass Spectrometry".</p> <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>Antimony</p> <p>Arsenic</p> <p>Barium</p> <p>Bismuth</p> <p>Cadmium</p> <p>Cerium</p> <p>Chromium</p> <p>Cobalt</p> <p>Copper</p> <p>Europium</p> <p>Gadolinium</p> <p>Indium</p> <p>Iodide</p> <p>Iron</p> <p>Lead</p> <p>Lithium</p> <p>Manganese</p> <p>Mercury</p> <p>Molybdenum</p> <p>Nickel</p> <p>Phosphorus</p> <p>Selenium</p> <p>Silver</p> <p>Strontium</p> <p>Tellurium</p> <p>Thorium</p>	<p>0.4 µg/L</p> <p>0.06 µg/L</p> <p>0.006 µg/L</p> <p>0.009 µg/L</p> <p>0.02 µg/L</p> <p>0.002 µg/L</p> <p>0.02 µg/L</p> <p>0.006 µg/L</p> <p>0.01 µg/L</p> <p>Pending</p> <p>Pending</p> <p>0.006 µg/L</p> <p>0.1 µg/L</p> <p>0.1 µg/L</p> <p>0.01 µg/L</p> <p>0.1 µg/L</p> <p>0.04 µg/L</p> <p>0.5 µg/L</p> <p>Pending</p> <p>0.04 µg/L</p> <p>0.9 µg/L</p> <p>0.2 µg/L</p> <p>Pending</p> <p>0.01 µg/L</p> <p>0.05 µg/L</p> <p>0.005 µg/L</p>	<p>\$16.50*</p>	<p>\$13.20*</p>

Turnaround times are subject to existing sample queues.

Reporting Limits are subject to verification

* = protocol cost is per analyte

& = add digestion cost of \$8/sample

Matrix Protocol	Analyte	Reporting Level	Protocol Cost	NU Cost (20% discount)
	Tin Uranium Vanadium Zinc	0.2 µg/L 0.05 µg/L Pending 0.04 µg/L		
Semi-quantitative elemental analysis Protocol ID: 19_05_01 Reference: (1994), "EPA 200.8 Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry". 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	Individual elements	Pending	\$66.00*	\$52.80*
Glyphosate/AMPA in water Protocol ID: 19_06_01 Sample Container: 125 mL polyethylene bottle Sample Size: Pending Preservation: Cool, < 6°C Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks	AMPA Glyphosate	5 µg/L 5 µg/L	\$125.00	\$100.00
As/Se speciation Protocol ID: 19_07_01 Reference: 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. 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.	Arsenic (III) Arsenic (V) Selenium (IV) Selenium (VI)	Pending Pending Pending Pending	\$100.00	\$80.00

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Matrix Protocol	Analyte	Reporting Level	Protocol Cost	NU Cost (20% discount)
<p> Sample Container: 125 mL polyethylene bottle Sample Size: 50 mL Preservation: 500 mg/L EDTA, Cool, < 4°C Holding Time: 28 Days Estimated Turnaround Time: 6-8 Weeks </p>				

Turnaround times are subject to existing sample queues.

Reporting Limits are subject to verification

* = protocol cost is per analyte

& = add digestion cost of \$8/sample