

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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Standard Methods :: Solids

Protocol	Analyte	Reporting Level	Protocol Cost	NU Cost (20% discount)
<p>Ammonia-N - solids Protocol ID: 02_01_02</p> <p>Reference: (1993), "EPA 350.1 Determination of Ammonia Nitrogen by Semi-Automated Colorimetry".</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 50 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p>	Ammonia-N	0.1 µg/g soil	\$13.20	\$10.56
<p>Nitrate-N+nitrite-N - solids Protocol ID: 02_03_02</p> <p>Reference: (1993), "EPA 353.2 Determination of Nitrate-Nitrite Nitrogen by Automated Colorimetry".</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 50 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p>	Nitrate-N	0.1 µg/g	\$13.20	\$10.56
<p>Total Kjeldahl nitrogen - solids Protocol ID: 02_07_02</p> <p>Reference: Seal Analytical "EPA 111A Total Kjeldahl Nitrogen-N (copper catalyst) in Drinking, Ground, and Surface Waters, and Domestic and Industrial Wastes".</p>	Total Kjeldahl Nitrogen	0.5 mg N/g	\$27.50	\$22.00

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

Protocol	Analyte	Reporting Level	Protocol Cost	NU Cost (20% discount)
<p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 50 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p>				
<p>Total Kjeldahl phosphorus - solids Protocol ID: 02_08_02</p> <p>Reference: (1974), "EPA 365.4 Phosphorous, Total (Colorimetric, Automated, Block Digester AA II)".</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 50 gm Preservation: Pending Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p>	<p>Total Kjeldahl P</p>	<p>0.5 µg/g</p>	<p>\$27.50</p>	<p>\$22.00</p>
<p>Chemical oxygen demand Protocol ID: 03_02_02</p> <p>Reference: (1999), "Standard Methods 5220D - Chemical Oxygen Demand, Closed Reflux, Colorimetric Method",</p> <p>Sample Container: 40 mL septum vial Sample Size: 50 gm Preservation: Pending Holding Time: 28 Days Estimated Turnaround Time: 6-8 Weeks</p>	<p>COD</p>	<p>25 mg/L</p>	<p>\$22.00</p>	<p>\$17.60</p>
<p>Total organic carbon in soil Protocol ID: 04_06_02</p> <p>Reference: Islam, K. R., & Weil, R. R. (1998), "A rapid microwave digestion method for colorimetric measurement of soil organic carbon.", <i>Communications in Soil Science & Plant Analysis</i> 29(15-16), 2269-2284.</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: Pending Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p>	<p>TOC</p>	<p>0.5 µg/g</p>	<p>\$22.00</p>	<p>\$17.60</p>

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Protocol	Analyte	Reporting Level	Protocol Cost	NU Cost (20% discount)
<p>Extractable organic carbon from soil Protocol ID: 05_01_02</p> <p>Reference: "Standard Methods 5310 - Total Organic Carbon",</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 5 gm Preservation: Add sulfuric acid to pH < 2, Cool, < 6°C Holding Time: 28 Days Estimated Turnaround Time: 6-8 Weeks</p>	DOC	Pending	\$22.00	\$17.60
<p>Chloride in soil Protocol ID: 10_02_02</p> <p>Reference: "EPA 325.2 Chloride (Colorimetric, Automated Ferricyanide AAI)".</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 50 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p>	Chloride	0.5 µg/g	\$22.00	\$17.60

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