

Water Sciences Laboratory
Analyte/Protocol Price List
2024



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

Nebraska Water Center, a part of the
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Environmental :: Biological

Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
<p>Nitrapyrin (Plants) Protocol ID: 06_18_06</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 50 gm Preservation: Frozen Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p>	<p>Butylate EPTC Nitrapyrin</p>	<p>0.05 ng/g 0.05 ng/g 0.05 ng/g</p>	<p>\$138.60</p>	<p>\$110.88</p>
<p>Glyphosate/AMPA (Plants) Protocol ID: 19_06_06</p> <p>Sample Container: 125 mL wide mouth amber glass bottle Sample Size: 50 gm Preservation: Frozen Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>References: Zhong-Xian, G.; Qiantao, C.; Zhaoguang, Y (2005), "Determination of glyphosate and phosphate in water by ion chromatography - inductively coupled plasma mass spectrometry detection", <i>J. Chromatogr. A</i> 1100, 160-167. Marek, L. J.; Koskinen, W. C. (2014), "Simplified analysis of glyphosate and aminomethylphosphonic acid in water, vegetation and soil by liquid chromatography-tandem mass spectrometry", <i>Pest Manag Sci</i> 70, 1158-1164. "Method developed internally at WSL",</p>	<p>AMPA Glufosinate Glyphosate Inorganic P</p>	<p>Pending Pending Pending Pending</p>	<p>\$130.00</p>	<p>\$104.00</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)
<p>Municipal Wastewater/Illicit Compounds (Plants) Protocol ID: 20_01_06</p> <p>Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types Sample Size: 4 gm Preservation: Cool, < 6°C Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p>	<p>1,7-Dimethylxanthine Acetaminophen Amphetamine Azithromycin Carbamazepine Cotinine Diphenhydramine Hydrocodone MDA MDA Metaxalone Methadone Methamphetamine Morphine Oxycodone Phenazone Sulfachloropyridazine Sulfamethazine Sulfamethoxazole Temazepam Thiabendazole Trimethoprim</p>	<p>0.2 ng/g 0.2 ng/g</p>	<p>\$231.00</p>	<p>\$184.80</p>
<p>Neonicotinoid/Strobularin Pesticides (Plants) Protocol ID: 20_02_06</p> <p>Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types Sample Size: 5 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>Reference: Magalhaes, L. C.; Hunt, T. E.; Siegfried, B. D. (2009), "Efficacy of Neonicotinoid Seed Treatments to Reduce Soybean Aphid Populations Under Field and Controlled Conditions in Nebraska", <i>J. Econ. Entomol.</i> 102(1), 187-195.</p>	<p>6-Chloronicotinic acid 6-Chloronicotinic aldehyde 6-Chloro-N-methylnicotinamide Acetamiprid Azoxystrobin Clothianidin Dimethoate Dinotefuran Imidacloprid Imidacloprid desnitro Imidacloprid olefin Imidacloprid urea Indoxacarb Metalaxyl Picoxystrobin Pyraclostrobin</p>	<p>0.5 ng/g 0.5 ng/g 0.06 ng/g 0.04 ng/g 0.08 ng/g 0.09 ng/g 0.05 ng/g 0.08 ng/g 0.03 ng/g 0.5 ng/g 0.5 ng/g 0.5 ng/g 0.2 ng/g 0.06 ng/g 0.06 ng/g 0.009 ng/g</p>	<p>\$288.80</p>	<p>\$231.04</p>

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	Sulfoxaflor Thiacloprid Thiamethoxam Thiamethoxam urea Trifloxystrobin	0.07 ng/g 0.04 ng/g 0.03 ng/g 0.10 ng/g 0.07 ng/g		
Perfluorinated Acids (PFAS) EPA 537.1 (Plants) Protocol ID: 20_08_06	11Cl-PF3OUdS 9Cl-PF3ONS ADONA HFPO-DA NEtFOSAA NMeFOSAA PFBS PFDA PFDoA PFHpA PFHxA PFHxS PFNA PFOA PFOS PFTA PFTTrDA PUnA	7 ng/g 6 ng/g 4 ng/g 7 ng/g 2 ng/g 8 ng/g 3 ng/g 7 ng/g 10 ng/g 7 ng/g 4 ng/g 5 ng/g 3 ng/g 5 ng/g 6 ng/g 8 ng/g 4 ng/g 3 ng/g	\$288.80	\$231.04
Azole Fungicides and Abamectin (Plants) Protocol ID: 20_09_06 Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types Sample Size: 5 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks	Abamectin NH4 Brassinazole Cyproconazole Desthio-Prothioconazole Difenoconazole Fluconazole Ipconazole Isavuconazole Itraconazole Metconazole Posaconazole Propiconazole Prothioconazole Tebuconazole Thiabendazole	Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending	\$288.80	\$231.04

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	Oxytetracycline (OTC) Tetracycline (TC)	Pending Pending		
<p>EPA 1694 Group 3 (Plants) Protocol ID: 20_13_06</p> <p>Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types Sample Size: 5 gm Preservation: Frozen Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>Reference: (2007), "EPA 1694 Pharmaceuticals and Personal Care Products in Water, Soil, Sediment, and Biosolids by HPLC/MS/MS".</p>	Gemfibrozil Ibuprofen Naproxen Triclocarban Triclosan Warfarin	Pending Pending Pending Pending Pending Pending	\$283.50	\$226.80
<p>EPA 1694 Group 4 (Plants) Protocol ID: 20_14_06</p> <p>Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types Sample Size: 5 gm Preservation: Frozen Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>Reference: (2007), "EPA 1694 Pharmaceuticals and Personal Care Products in Water, Soil, Sediment, and Biosolids by HPLC/MS/MS".</p>	Albuterol Cimetidine Metformin Ranitidine	Pending Pending Pending Pending	\$283.50	\$226.80
<p>Atrazine Metabolites and Nitrosoatrazine (Plants) Protocol ID: 20_16_06</p> <p>Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types Sample Size: 5 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p>	Atrazine Atrazine Mercapturate DDA DEA DIA N-nitrosoatrazine	Pending Pending Pending Pending Pending Pending	\$288.80	\$231.04

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Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
	PFUnA	Pending		
<p>EPA 1694 Group 1 (Veterinary Usage) (Plants) Protocol ID: 20_21_06</p> <p>Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types Sample Size: 5 gm Preservation: Frozen Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p> <p>Reference: (2007), "EPA 1694 Pharmaceuticals and Personal Care Products in Water, Soil, Sediment, and Biosolids by HPLC/MS/MS".</p>	<p>Ampicillin Azithromycin Carbadox Ceftiofur Ciprofloxacin Clarithromycin Danofloxacin Erythromycin Florfenicol Lincomycin Monensin Novobiocin Ormetoprim Oxacillin Oxolinic acid Penicillin G Penicillin V Penillic Acid Roxithromycin Sulfachlorpyridazine Sulfadiazine Sulfadimethoxine Sulfamerazine Sulfamethazine Sulfamethiazole Sulfamethoxazole Sulfanilamide Sulfathiazole Thiabendazole Tiamulin Trimethoprim Tylosin Virginiamycin</p>	<p>6 ng/g 0.7 ng/g 1 ng/g 204 ng/g 4 ng/g 1 ng/g 1 ng/g 1 ng/g 773 ng/g 6 ng/g 8 ng/g 667 ng/g 0.7 ng/g 50 ng/g 1 ng/g 20 ng/g 19 ng/g 52 ng/g 2 ng/g 0.3 ng/g 10 ng/g 2 ng/g 2 ng/g 2 ng/g 1 ng/g 1 ng/g 530 ng/g 2 ng/g 0.9 ng/g 2 ng/g 1 ng/g 1 ng/g 27 ng/g</p>	<p>\$283.50</p>	<p>\$226.80</p>

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<p>Neonicotinoid Mammalian Metabolites (Plants)</p> <p>Protocol ID: 20_22_06</p> <p>Sample Container: Paper bag for plants or 125 mL glass amber bottle for other types</p> <p>Sample Size: 5 gm</p> <p>Preservation: Frozen</p> <p>Holding Time: 30 Days</p> <p>Estimated Turnaround Time: 6-8 Weeks</p>	<p>5-hydroxy imidacloprid</p> <p>6-chloronicotinic acid</p> <p>Acetamiprid</p> <p>Acetamiprid n-desmethyl</p> <p>Clothianidin</p> <p>Clothianidin n-desmethyl</p> <p>Clothianidin urea</p> <p>Dinotefuran</p> <p>Imidacloprid</p> <p>Imidacloprid desnitro</p> <p>Imidacloprid olefin</p> <p>Imidacloprid urea</p> <p>Nitenpyram</p> <p>Thiacloprid</p> <p>Thiacloprid amide</p> <p>Thiamethoxam</p> <p>Thiamethoxam n-desmethyl</p> <p>Thiamethoxam urea</p>	<p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p> <p>Pending</p>	<p>\$288.80</p>	<p>\$231.04</p>

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