

Laboratory	Cyanotoxin	Method	MDL (ng/mL) (ppb)	RL (ng/mL) (ppb)	Response Time	2023 Pricing (\$)	Shipping Preference	Comment
EcoAnalysts, Inc. 1417 Hoff Industrial Ctr. O'Fallon, MO 63366 (636) 281-1982 / Email: contactmo@ecoanalysts.com	Phycocyanin	Jo-Marie E. Kasinak			< 30 days	\$95.00	Fedex or UPS. Overnight / filters on dry ice, wet ice works	
	Cyanobacteria ID and enumeration	Microscopy				\$250.00	Fedex or UPS. Minimum 250ml; preserve in Lugol's iodine solution	\$425.00 Soft Body Only
	Whole algae community (no biovolume)	Microscopy				\$925.00 with Diatom Slide		
	Whole algae community (with biovolume)	Microscopy				\$1,150.00 with Diatom Slide		\$555.00 Soft Body Only
Kansas State Veterinary Diagnostic Laboratory 1800 Denison Ave. Manhattan, KS 66502 (785) 532-4333 / Email: clientcare@vet.k-state.edu	Collection Kit Only	Blue Green Algae Field Kit (Tox-1000)			2-4 business days	\$22.00	Next day	
	Cynobacteria ID and enumeration	Microscopy - Blue Green Algae (Tox-1003)			2 business days	\$23.00	Next day / 2 day transit	
	Microcystin/Nodularins	M BIO Test	0.6		4 business days	\$105.00	Next day	
LSSU Environmental Superior Analytics 650 W. Easterday Ave. Sault Ste, MI 49783 Shipping: Lake Superior University 1100 Meridan St. Sault Ste. Marie, MI 49783 (906) 635-2165 / Email: bsouthwell@lssu.edu	Anatoxin-a	ELISA	Water / 0.01 L	0.2	48 hours	\$115.00	UPS	Discounts are available for volume samples
	Cylindrospermopsin	ELISA	Water / 0.01 L	0.05		\$115.00		
	Microcystin	ELISA	Water / 0.01 L	0.2		\$115.00		
	Saxitoxin	ELISA	Water / 0.01 L	0.02		\$115.00		
Phycotech 620 Broad St. Suite 100 St. Joseph, MI 49805 (269) 983-3654 / Email: ktruhn@phycotech.com	Microcystins/Nodularians	Stick Test				\$76.00		
	HAB taxa	IFCB Algal Analysis			72 hours	\$138.00 Live; \$158.00 Preserved		
	HAB taxa	IFCB Algal Analysis			24 hours	\$160.00 Live; \$180.00 Preserved		
	HAB taxa (Rapid HAB Kit)	IFCB Algal Analysis			24 hours	\$290.00		Express: \$427.00 / Additional Bottles: \$170.00
EnviroScience, Inc. 5070 Stow Rd. Stow OH, 44224 Phone: 330-688-0111 / Email: aquaticbiologylab@enviroscienceinc.com	Microcystins/ Nodularins	ELISA/OEPA DES 701.0	0.15	0.3	5 business days	Contact lab for pricing / 800.940.4025	125mL, kept cold and dark, any overnight carrier or client drop	EnviroScience can provide sample bottles, insulated shipping container, and priority overnight shipping labels; TAT can be expedited for an additional fee
	Cylindrospermopsin	ELISA	0.05					
	Saxitoxin	ELISA	0.02					
	Anatoxin-a	ELISA	0.15					
	qPCR	OEPA DES 705.0/Phytoxigene			Contact Lab for response time		250mL, kept cold and dark, any overnight carrier	Turn around time varies as samples are run on a biweekly schedule
	HAB screening				3-5 business days			
	Chlorophyll-a				7-10 business days			
	Diatom Analysis							
	Ash Free Dry Weight							
Qualitative Algal Analysis								
Quantitative Algal Analysis								
Water Sciences Lab, University of Nebraska-Lincoln 1840 N. 37th St. Lincoln, NE 68583 (402) 472-7539 / Email: dsnow1@unl.edu	Total Microcystins	ELISA	0.1 µg/L		4-6 weeks	\$46.20	Overnight shipping	Can be faster with a 50% priority surcharge.

<u>Aquatic Analysts</u> 126 Ocean View Dr. Friday Harbor, WA 98250 (503) 869-5032 / Email: jwsweet@aol.com	Toxic Algae Service: Identification and enumeration	Microscopy			1-4 months, Rush service (24-48 hrs - \$90), Fast service (2 weeks - \$45)	\$85.00	Send samples in bottles containing Lugol's iodine and ship at your convenience	Provides algae sample bottles that contain Lugol's iodine preservative at no extra cost. These are smaller 125 mL bottles. Pricing is per sample.
<u>SDK Labs</u> 1000 Corey Road Hutchinson, KS 67501 (620) 665-5611	Microcystin	Strip test			24-48 hours	Call for pricing	Overnight on ice (UPS or Fedex)	No shipping on Thursday or Friday
<u>GreenWater Laboratories / Cynolabs</u> 205 Zeagler Dr., Suite 302 Palatka, FL 32177 Phone: (386) 328-0882 / Email: admin@greenwaterlab.com	Microsystins/ Nodularins	ELISA		0.3 ppb	3-5 business days	\$125.00	Overnight shipping, contact the lab prior to shipping (by email or phone)	250 mL of sample is ample for algal identification and toxin analyses for all services. Call for specific requirements. https://greenwaterlab.com/samplinginstructions.pdf https://greenwaterlab.com/descriptionofservices.pdf
	<i>US EPA Method 546</i>	ELISA		0.3 ppb		\$175.00		
	<i>Suite (14+ Variants & Nodularian)</i>	LC-MS/MS	0.01-0.10 ppb			\$350.00		
	Cylindrospermopsin	LC-MS/MS	0.05 ppb			\$175.00		
	<i>Suite (includes CYN, 7-epi-CYN, 7-dexoy-CYN)</i>	LC-MS/MS	0.05 ppb			\$275.00		
	Anatoxin-a	LC-MS/MS	0.05 ppb			\$175.00		
	<i>Suite (includes ATX, HTX, dhATX)</i>	LC-MS/MS	0.05 ppb			\$275.00		
	Cylindrospermopsin & Anatoxin-a (Method 545)	LC-MS/MS	0.03 / 0.05 ppb			\$400.00		
	Saxitoxins	ELISA		0.05 ppb		\$175.00		
	<i>Suite (C1/C2, GTX 1-6, dcGTX2/3, dcSTX, NEO, STX)</i>	LC-MS/MS	0.02-0.6 ppb			\$350.00		
	Dermatoxins	LC-MS/MS	0.1-5.0 ppb			\$300.00		
	Domoic Acid	LC-MS/MS	0.05 ppb			\$250.00		
	Brevetoxins	ELISA		0.1 ppb		\$300.00		
	<i>(Includes PbTx-2 & PbTx-3)</i>	LC-MS/MS	0.05-2.00 ppb			\$300.00		
	Okadaic Acid	LC-MS/MS	0.05-2.00 ppb			\$300.00		
	BMAA	LC-MS/MS	0.5-10.0 ppb			\$300.00		
	Potentially Toxicigenic (PTOX) Cyanobacteria Screen	Microscopy				\$150.00		
	Qualitative Algal Identification	Microscopy				\$175.00		
Cyanobacteria ID & enumeration	Microscopy			\$275.00				
Total Algal ID & enumeration	Microscopy			\$325.00				
Algal ID, enumeration, biovolume	Microscopy			\$400.00				
<u>Cyanopros</u> 203 Swingle Hall Auburn, AL 36849 (334) 246-1120 / Email: cyanopros@auburn.edu	Phycocyanin	Fluorometry	<1 µg/L	<1 µg/L	1-2 business days	\$50.00		
	Microcystins	ELISA	Whole water 0.05 µg/L; Filtered water <0.003 µg/L	Whole water 0.05 µg/L; Filtered water <0.003 µg/L	1-2 business days	\$75.00		
	Chlorophyll	Fluorometry	<1 µg/L	<1 µg/L	1-2 business days	\$25.00		
	MIB & Geosmin	SPME CG-MS	1 ng/L MID; 1 ng/L Geosmin	1 ng/L MID; 1 ng/L Geosmin	1-2 business days	\$100.00		
<u>Aquatic Control</u> 2500 S Spoede Ln Truesdale, MO 63383 (636) 456-7008 / Email: randyk@aquaticcontrol.com	Microcystins	Dipstick detection assay	Semi-quantitative test used for screening purposes	Semi-quantitative test used for screening purposes	3 business days	\$70.00	Overnight with ice packs in insulated box or cooler	
	Cylindrospermopsin	Dipstick detection assay				\$70.00		
	Anatoxin-a	Dipstick detection assay				\$82.00		

[Midwest Laboratories, Inc.](#)

13611 B Street Omaha, NE 68144
(402) 334-7770

Microsystins

ELISA

5-7 business days

\$49.50

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New Jersey Center for Water Science and Technology- Montclair State University 1 Normal Ave. Montclair, NJ 07043 (973) 655-3711 / Email: njcwst@montclair.edu	Cylindrospermopsin	ELISA		0.05 µg/L	15 business days	\$225.00	Overnight shipping	Also offers LC-MS/MS and EPA Method 544 LC-MS/MS for microcystin and nodularin. When multiple samples are processed as a batch for EPA Method 544 the per sample cost is lower. One batch is up to 8 samples.	
	Microcystin/Nodularins	ELISA EPA Method 546		0.15 µg/L		\$200.00			
	Microcystin/Nodularins	SAES		0.05 µg/L		\$210.00			
	Anatoxin-a	ELISA		0.15 µg/L		\$225.00			
	Saxitoxins	ELISA		0.02 µg/L		\$200.00			
Water Management Laboratories 1515 80th St. East Tacoma, WA 98404 Phone: 253-531-3121 / Email: Customerservice@watermanagementlabs.com	Cylindrospermopsin / Anatoxin-A	ELISA Method 545			20 business days	\$350.00	Overnight	Store in dark containers, schedule overnight deliver for arrival on Tuesday, Wednesday, or Thursday. <u>Contact prior to sending.</u>	
	Saxotoxin	In house method				\$250.00			
	Total Microcystins	ELISA EPA Method 546				\$375.00			
Eurofins Eaton Analytical (EEA) 110 South Hill Street. South Bend, IN 46617-2702; 750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016 Phone: 574-233-4777 (EEA South Bend) Direct Line: 469-978-4834 / 626-386-1100 (EEA Monrovia)	Total Microcystins	EPA Method 546		0.3 µg/L	10 business days, Expedited turnaround times (TATs), verbal and/or written, may be available based on current lab capacity. Surcharges may apply.	\$200.00	Ground delivery of sample kits (containers and preservatives)	Non-UCMR4 protocol; ELISA is calibrated against one congener, MC LR.	
	Cylindrospermopsin & Anatoxin-a	EPA Method 545		Cylindrospermopsin = 0.05 µg/L; Anatoxin-a = 0.02 µg/L		\$300.00		Non-UCMR4 protocol	
	Cylindrospermopsin & Anatoxin-a plus Microcystin & Nodularin	EEA SB L231	0.0094-0.047 µg/L	0.02 - 0.1 µg/L		\$425.00		In-House Method: EEA South Bend Method L231; Cylindrospermopsin, Anatoxin-a, Microcystin-LA, Microcystin-LF, Microcystin-LR, Microcystin-LY, Microcystin-RR, Microcystin-YR and Nodularin	
	Algae Identification	SM 10900				\$180.00		EEA Monrovia	
	Algae Enumeration	SM 10900 F		1.0 Algal Cells/mL		\$180.00		EEA Monrovia	
	MIB & Geosmin	SM 6040 D	0.791-0.907 ng/L	MIB = 5.0 ng/L; Geosmin = 3.0 ng/L		\$210.00		EEA Monrovia	
	MIB & Geosmin	EEA SB V210	0.40-0.70 ng/L	MIB = 2.0 ng/L; Geosmin = 2.0 ng/L		\$210.00		In-House Method: EEA South Bend Method V210; Geosmin, IBMP, IPMP, Methylisoborneol (MIB), 2,4,6-Trichloroanisole (TCA)	
EMSL Aquatic Microbiology Laboratory 200 Route 130 N. Cinnaminson, NJ 08077 1-800-220-3675 / Email: info@emsl.com	Microcystin	EPA Method 546	0.10 ppb	0.15 ppb	2 weeks (1 week available at increased price)	\$137.00	40 mL of water and overnight shipping on ice	1 week turn around is available for all services with an increase in price.	
	Saxitoxin	In house method: M620	0.04 ppb	0.05 ppb		\$252.00			
	Anatoxin-a	In house method: M625	0.10 ppb	0.15 ppb		\$264.00			
	Chlorophyll a & Phycocyanin	In house method: M624				\$146.00	2 L of water and overnight shipping on ice		
	Geosmin & MIB	In house method: M617				Call for pricing	overnight on ice		Two 40mL samples without any air bubbles in bottles.
	Brevetoxin (Red Tide)	In house method: M622				\$264.00			

SePRO Research & Technology Campus 16013 Watson Seed Farm Road Whitakers, NC 27891 (252) 437-3282 / Email: srtclab@sepro.com	Algae ID, dominant species present / HAB Alert Bundle	Microscopy			3-7 business days	\$129.00	Place samples in a cooler with ice packs or ice in leakproof bags and immediately ship via overnight express (morning delivery please)	https://sepro.com/documents/SeSCRIPTAlgaeWaterQuality_SampleSheet.pdf FedEx is the preferred freight method. Do not ship via U.S. Mail. Do not ship on a Friday.
	Algae ID, classification, biomass	Microscopy				\$125.00		
	Comprehensive Algae Bioassay	In house method			2 weeks	\$412.00		
	Chlorophyll a	In house method			3-7 business days	\$79.00		
BSA Environmental Services, Inc. 23400 Mercantile Rd., Suite 8 Beachwood, OH 44122 (216) 765-0582 / Email: info@bsaenv.com	Microcystins & Nodularins	ELISA	0.05 ppb		3-7 business days	\$175.00	Overnight in a cooler with ice.	Rush services available with increase in price
	Cylindrospermopsin	ELISA	0.05 ppb			\$195.00		
	Saxitoxin / PSP	ELISA	0.02 ppb			\$195.00		
	Anatoxin-a	ELISA	0.15 ppb			\$195.00		
	Anabaenopeptins	LC-MS/MS			1-2 weeks	\$800.00		Includes all toxins: Microcystins, Cylindrospermopsin, Saxitoxin, Anatoxin-a, ASP, BMAA, Prymnesium toxins