

| Laboratory | Address | Contact | Cyanotoxin | Method | MDL (ng/mL) (ppb) | RL (ng/mL) (ppb) | Response Time | 2020 Pricing (\$) | Shipping Preference | Comment |
|---|---|---|---|--|---|---|-------------------|-------------------|---|--|
| Kansas State Veterinary Diagnostic Laboratory | Kansas State University 1800 Denison Avenue Manhattan, KS 66506 | (785) 532-5650, 1-866-512-5650 Email: clientcare@vet.k-state.edu | Collection Kit Only | Blue Green Algae Field Kit (TOX-1000) | | | 2-4 business days | \$21.00 | Next day delivery is recommended | |
| | | | Cyanobacteria ID and enumeration | Microscopy - Blue-Green Algae (TOX-1003) | | | 1-2 business days | \$22.50 | Next day delivery or 2 day transit is recommended | |
| | | | Microcystin/ Nodularin | M BIO test | 0.6 | | | \$100.00 | Next day delivery is recommended | |
| | | | Cylindrospermopsin | M BIO test | 0.7 | | | | | |
| Aquatic Control | 418 W. State Rd 258 Seymour, IN 47274 | Phone: 812-497-2410, 800-753-5253 (LAKE) Email: lab@aquaticcontrol.com | Microcystins (Recreational and source water) | Dipstick detection assay | Semi-quantitative test used for screening purposes | Semi-quantitative test used for screening purposes | 3 business days | \$60 | Overnight with ice packs in insulated box or cooler | |
| | | | Cylindrospermopsin (Source water) | Dipstick detection assay | Semi-quantitative test used for screening purposes | Semi-quantitative test used for screening purposes | | \$60 | | |
| | | | Anatoxin-a (Source water) | Dipstick detection assay | Semi-quantitative test used for screening purposes | Semi-quantitative test used for screening purposes | | \$70 | | |
| | | | Microcystins | ELISA (Microcystins/nodularins Adda) | 0.15 | 0.3 | | \$200* | | |
| | | | Cylindrospermopsin | ELISA | 0.04 | 0.1 | | \$200* | | |
| | | | Anatoxin-a | ELISA | 0.1 | 0.3 | | \$225** | | |
| CyanoPros | 203 Swingle Hall, Auburn University, Auburn, Alabama 36849 | Phone: 334-246-1120 Fax: 334-844-9208 Email: cyanopros@auburn.edu | Microcystin | ELISA | Depends - whole water 0.05 ug/L; filtered water <0.003 ug/L | Depends - whole water 0.05 ug/L; filtered water <0.003 ug/L | 1-2 business days | \$75.00 | None | Overnight whole water in plastic bottles with ice packs in insulated box or cooler |
| | | | Phycocyanin | Fluorometry | <1 ug/L | 1 ug/L | 1-2 business days | \$50.00 | | |
| | | | Chlorophyll | Fluorometry | <1 ug/L | 1 ug/L | 1-2 business days | \$25.00 | | |
| | | | MIB & Geosmin | GC-MS | 1 ng/L MIB; 1 ng/L Geosmin | 3 ng/L MIB; 2 ng/L Geosmin | 1-2 business days | \$200.00 | Glass vials with foil liner caps and no head space is ideal; otherwise whole water sent overnight with ice packs in insulated box or cooler | |
| Eco Analysts Inc. | 1417 Hoff Industrial Ctr. O'Fallon, MO 63366 | Phone: (636) 281-1982 Email: contactmo@ecoanalysts.com | Phycocyanin | Jo-Marie E. Kasinak | | | | \$55 | FEDEX (1) or UPS (2). Overnight/filters on dry ice best; wet ice works | Kasiak, J., et al. First published online October 29, 2014 doi:10.1093/plankt/fbu096. Benchtop fluorometry of phycocyanin as a rapid approach for cyanobacterial biovolume J. Plankton Res. (2015) 37(1): 248–257 estimating |

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| | | | Cyanobacteria ID and enumeration | Microscopy | | | <30 days | \$149 | FEDEX (1) or UPS (2) minimum 250ml; preserve in Lugol's iodine solution | Do not Send any glass containers. Check out the website for sample collection, preservtion, packaging and shipping | |
| | | | Whole algae community (no biovolume) | Microscopy | | | | \$325 | | | |
| | | | Whole algae community (with biovolume) | Microscopy | | | | \$395 | | | |
| 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); 626-386-1100 (EEA Monrovia) | Total Microcystins | EPA 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. | \$150.00 | Ground delivery of sample kits (containers and preservatives) is included in | Non-UCMR4 protocol; ELISA is calibrated against one congener, MC-LR. | |
| | | | Cylindrospermopsin & Anatoxin-a | EPA 545 | --- | Cylindrospermopsin = 0.05 µg/L; Anatoxin-a = 0.02 µg/L | | \$280.00 | | Non-UCMR4 protocol | |
| | | | Microcystins & Nodularin | EPA 546 | --- | 0.1 µg/L | | \$350.00 | | Non-UCMR4 protocol; Microcystin-LA, Microcystin-LF, Microcystin-LR, Microcystin-LY, Microcystin-RR, Microcystin-YR and Nodularin | |
| | | | Cylindrospermopsin & Anatoxin-a plus Microcystins & Nodularin | EEA SB L231 | 0.0094 - 0.047 µg/L | 0.02 - 0.1 µg/L | | \$400.00 | | 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 | N/A | N/A | | \$160.00 | | EEA Monrovia | |
| | | | Algae Enumeration | SM 10200 F | --- | 1.0 Algal Cells/mL | | \$160.00 | | EEA Monrovia | |
| | | | MIB & Geosmin | SM 6040 D | 0.791 - 0.907 ng/L | MIB = 5.0 ng/L; Geosmin = 3.0 ng/L | | \$200.00 | | EEA Monrovia | |
| | | | MIB & Geosmin | EEA SB V210 | 0.40 - 0.70 ng/L | MIB = 2.0 ng/L; Geosmin = 2.0 ng/L | | \$200.00 | | In-House Method: EEA South Bend Method V210; Geosmin, IBMP, IPMP, Methylisoborneol (MIB), 2,4,6-Trichloroanisole (TCA) | |
| GreenWater Laboratories / CyanoLab | 205 Zeagler Drive, Suite 302 Palatka, FL 32177 | Phone: (386) 328-0882; (877) 869-2542 Email: Info@greenwaterlab.com | Microcystins/Nodularin | ELISA | | \$0.30 | | \$125.00 | | | |
| | | | <i>Method 546</i> | ELISA | | | \$0.30 | | \$200.00 | | |
| | | | <i>Suite (14+ Variants & Nodularin)</i> | LC-MS/MS | 0.01-0.10 | | | | \$350.00 | | |
| | | | <i>MMPB (oxidation, extraction & analysis)</i> | LC-MS/MS | \$0.05 | | | | \$250.00 | | |
| | | | Cylindrospermopsin | ELISA | \$0.05 | \$0.10 | | | \$175.00 | | |
| | | | <i>(includes epi-cylindrospermopsin)</i> | LC-MS/MS | \$0.05 | | | | \$200.00 | | |
| | | | Anatoxin-a | LC-MS/MS | \$0.05 | | | | \$200.00 | | |
| | | | Anatoxin-a /Homoanatoxin-a | LC-MS/MS | \$0.05 | | | | \$300.00 | | |

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| | | | Cylindrospermopsin & Anatoxin-a (Method 545) | LC-MS/MS | 0.03 / 0.05 | | 5 business days (shorter turnaround time available) | \$350.00 | Any overnight carrier Samples must be shipped overnight and kept cool. Sampling kits are available upon request. | |
| | | | Saxitoxins (Paralytic Shellfish Toxins) | ELISA | | \$0.05 | | \$175.00 | | |
| | | | <i>Suite (C1/C2, GTX (1,2,3,4,5,6), dcGTX2/3, dcSTX, NEO, STX)</i> | LC-MS/MS | 0.02-0.60 | | | \$325.00 | | |
| | | | Dermatoxins (Lyngbyatoxin-A & Aplysiatoxins) | LC-MS/MS | 0.1 - 5.0 | | | \$325.00 | | |
| | | | Domoic Acid | LC-MS/MS | \$0.05 | | | \$275.00 | | |
| | | | Brevetoxins | ELISA | | \$0.10 | | \$325.00 | | |
| | | | <i>(includes PbTx-2 & PbTx-3)</i> | LC-MS/MS | 0.05 - 2.00 | | | \$350.00 | | |
| | | | Okadaic Acid (Okadaic acid, DTX1, DTX2) | LC-MS/MS | 0.05 - 2.00 | | | \$350.00 | | |
| | | | BMAA (free; includes BAMA, AEG & 2,4-DAB) | LC-MS/MS | 0.5-10.0 | | | \$325.00 | | |
| | | | Phycological Services | | | | | | | |
| | | | Potentially Toxigenic (PTOX) Cyanobacteria Screen | | | | | \$100.00 | | |
| | | | Qualitative Algal Identification | | | | | \$125.00 | | |
| | | | Cyanobacteria ID & Enumeration | | | | | \$200.00 | | |
| | | | Total Algal ID & Enumeration | | | | | \$250.00 | | |
| | | | Algal ID, Enumeration & Biovolume | | | | | \$325.00 | | |
| | | | Molecular Services | | | | | | | |
| | | | qPCR Total Cyanobacteria (16s DNA) <u>or</u> Toxins (mcyE/ndaF, stxA, cyrA) | | | | | \$200.00 | | |
| | | | qPCR Total Cyanobacteria (16s DNA) <u>and</u> Toxins (mcyE/ndaF, stxA, cyrA) | | | | | \$300.00 | | |
| Lake Superior State University | School of Physical Sciences, CRW 353 650 West Easterday Avenue | Phone: (906) 635-2076 Email: bsouthwell@lssu.edu | Anatoxin | ELISA | | 0.2 | 48 hours | \$120.00 | UPS | |
| | | | Cylindrospermopsin | ELISA | | 0.05 | | \$100.00 | | |
| | | | Microcystin | ELISA | | 0.2 | | \$100.00 | | |
| | | | Saxitoxin | ELISA | | 0.02 | | \$100.00 | | |

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| PhycoTech, Inc. | 620 Broad Street, Suite 100, St. Joseph, MI 49085 | Phone: 1-269-983-3654, Fax: 1-269-983-3653, Email: ktruhn@Phycotech.com | Microcystins/ Nodularians | Immunochromatographic Strip Test | 1 | | 24 Hr or Less (samples analyzed upon arrival) | \$63 | Ship samples on ice overnight for morning delivery | |
| Water Management Laboratories | 1515 80th Street East Tacoma, WA 98404 | Phone: (253) 531-3121 Fax (253) 531-5287 Email: customerservice@watermanagementlabs.com | Cylindrospermopsin / Anatoxin-A | EPA method 545 | | | | \$250.00 | | |
| | | | Total Microcystins | ELISA (EPA method 546) | | | | \$200.00 | | |