



Center for Environmental Sciences & Engineering  
 University of Connecticut  
 3107 Horsebarn Hill Road, Unit 4210  
 Building 4 Annex  
 Storrs, CT 06269-4210  
 Phone: (860) 486-4015 Fax: (860) 486-2283  
 Web Site: ceses.uconn.edu

**Nutrients Analysis Price List**  
 Environmental Analytical Testing Services  
 Effective Date: April 1, 2023

Test Name	Test Method	Method Detection Limit	UConn and UConn Health	CT State Agency or Town/Municipality	External client
<b>Nitrogen Series</b>					
Ammonia (NH <sub>3</sub> )	EPA 350.1	0.003 (mg/l)	\$11.54	\$13.85	\$18.58
Nitrate+Nitrite (NO <sub>x</sub> )	EPA 353.2	0.003 (mg/l)	\$11.54	\$13.85	\$18.58
Nitrite (NO <sub>2</sub> )	EPA 353.2	0.003 (mg/l)	\$11.54	\$13.85	\$18.58
Total Nitrogen (TN)	EPA 353.2	0.008 (mg/l)	\$13.71	\$16.46	\$22.08
<b>Phosphorus Series</b>					
Orthophosphate (O-Phos)	EPA 365.1	0.001 (mg/l)	\$11.54	\$13.85	\$18.58
Particulate Phosphorus (PP)	EPA 365.1	0.0001 (mg/l)	\$13.71	\$16.46	\$22.08
Total Phosphorus (TP)	EPA 365.1	0.002 (mg/l)	\$13.71	\$16.46	\$22.08
<b>Multi Parameter</b>					
Two of Nitrogen or Phosphorus Series	Multiple	See above	\$16.36	\$19.63	\$26.34
Three of Nitrogen or Phosphorus Series	Multiple	See above	\$19.15	\$22.98	\$30.83
Additional cost for each Total N or Total P in above combinations	Multiple	Each additional	\$2.16	\$2.60	\$3.48
Filtration fee (if CESE does the filtering for any Dissolved test, this fee will be added to the cost, such as for Total Dissolved Nitrogen or Total Dissolved Phosphorus)			\$5.50	\$6.60	\$8.85
Total Nitrogen and Total Phosphorus	Multiple	See above	\$20.68	\$24.83	\$33.30
Total Nitrogen, Total Phosphorus, Ammonia, and Nitrate+Nitrite (NO <sub>x</sub> )	Multiple	See above	\$35.01	\$42.03	\$56.37
Nitrate (NO <sub>3</sub> )	By calculation	NO <sub>x</sub> - Nitrite	N/C*	N/C*	N/C*
Total Kjeldahl Nitrogen (TKN)	By calculation	Organic N + Ammonia	N/C*	N/C*	N/C*
Organic Nitrogen	By calculation	TN - (Ammonia + NO <sub>x</sub> )	N/C*	N/C*	N/C*
<b>Silica Series</b>					
Total Silica	EPA 370.1	0.002 (mg/l)	\$12.89	\$15.47	\$20.76
Dissolved Silica (add filtering if needed)	EPA 370.1	0.002 (mg/l)	\$12.89	\$15.47	\$20.76
Biogenic Silica	EPA 370.1	0.001 (mg/l)	\$15.07	\$18.08	\$24.26
Dissolved Silica and Biogenic Silica (both)	EPA 370.1	See above	\$17.55	\$21.05	\$28.25
<b>Particulate Nutrients - Water</b>					
Carbon	EPA 440.0	0.013 (mg/l)	\$28.75	\$34.50	\$46.29
Nitrogen	EPA 440.0	0.003 (mg/l)	\$28.75	\$34.50	\$46.29
Carbon and Nitrogen (CHN)	EPA 440.0	See above	\$38.57	\$46.28	\$62.09
<b>Ion Analysis</b>					
Fluoride	EPA 300.0	0.032 (mg/l)	\$21.06	\$25.28	\$33.91
Chloride	EPA 300.0	0.2 (mg/l)	\$21.06	\$25.28	\$33.91
Sulfate	EPA 300.0	0.1 (mg/l)	\$21.06	\$25.28	\$33.91
Ion Series (2 or 3 of the ions above)	EPA 300.0	See above	\$31.46	\$37.75	\$50.65
<b>Miscellaneous Analyses</b>					
Chlorophyll a	EPA 445.0	0.1 (ug/l)	\$14.47	\$17.36	\$23.30
Turbidity	EPA 180.1	0.1 NTU	\$6.63	\$7.95	\$10.67
Total Suspended Solids	EPA 160.2	3 (mg/l)	\$8.66	\$10.40	\$13.95
Total Solids	EPA 160.3	22 (mg/l)	\$8.51	\$10.21	\$13.69
Total Dissolved Solids	EPA 160.1	10 (mg/l)	\$8.66	\$10.40	\$13.95
pH	EPA 150.1	N/A	\$5.67	\$6.80	\$9.13
Alkalinity	EPA 310.1	2 (mg/l)	\$10.90	\$13.08	\$17.55
pH and Alkalinity	EPA 150.1/310.1	See above	\$14.22	\$17.06	\$22.89
Total Organic Carbon (TOC)	EPA 415.1	0.5 (mg/l)	\$20.54	\$24.65	\$33.07
Dissolved Organic Carbon (DOC)			\$26.04	\$31.24	\$41.92
Dissolved Inorganic Carbon (DIC)			\$26.04	\$31.24	\$41.92
Conductivity			\$5.67	\$6.80	\$9.13
% moisture			\$5.50	\$6.60	\$8.85
BOD 5 day			\$17.75	\$21.29	\$28.57
BOD 30 day (also add three times NO <sub>x</sub> cost)			\$36.19	\$43.43	\$58.27

\* No additional charge if customer orders appropriate tests that make up the calculation.  
 Prices are subject to change without notice.



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Additional cost for each Total N or Total P in above combinations	Multiple	Each additional	\$3.48
Filtration fee (if CESE does the filtering for any Dissolved test, this fee will be added to the cost, such as for Total Dissolved Nitrogen or Total Dissolved Phosphorus)			\$8.85
Total Nitrogen and Total Phosphorus	Multiple	See above	\$33.30
Total Nitrogen, Total Phosphorus, Ammonia, and Nitrate+Nitrite (NO <sub>x</sub> )	Multiple	See above	\$56.37
Nitrate (NO <sub>3</sub> )	By calculation	NO <sub>x</sub> - Nitrite	N/C*
Total Kjeldahl Nitrogen (TKN)	By calculation	Organic N + Ammonia	N/C*
Organic Nitrogen	By calculation	TN - (Ammonia + NO <sub>x</sub> )	N/C*
<b>Silica Series</b>			
Total Silica	EPA 370.1	0.002 (mg/l)	\$20.76
Dissolved Silica (add filtering if needed)	EPA 370.1	0.002 (mg/l)	\$20.76
Biogenic Silica	EPA 370.1	0.001 (mg/l)	\$24.26
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Conductivity			\$9.13
% moisture			\$8.85
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