



*Environmental Laboratory Certification Program
Scope of Certification
Certified Minnesota Environmental Laboratories*

**THIS LISTING OF CERTIFIED FIELDS OF TESTING MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 11388AA**

State Laboratory ID: 019-999-415

EPA Lab Code: IA00016

Expiration Date: 1/10/2010

Issue Date: 7/31/2008

**University (State) Hygienic Laboratory
102 Oakdale Campus
Iowa City, IA 52242**

Safe Drinking Water Program

Analyte	Method	Matrix
Alkalinity, as CaCO ₃	SM 2320 B-97	Drinking Water
Bromate	EPA 300.1 Rev 1.0	Drinking Water
Chloride	EPA 300.0 Rev 2.1	Drinking Water
Chlorite	EPA 300.0 Rev 2.1	Drinking Water
Chlorite	EPA 300.1 Rev 1.0	Drinking Water
Color	SM 2120 B-01	Drinking Water
Conductivity	SM 2510 B-97	Drinking Water
Cyanide	SM 4500-CN ⁻ E-99	Drinking Water
Fluoride	SM 4500-F ⁻ C-97	Drinking Water
Nitrate	EPA 300.0 Rev 2.1	Drinking Water
Nitrite	EPA 300.0 Rev 2.1	Drinking Water
Orthophosphate, as P	EPA 365.1 Rev 2.0	Drinking Water
pH	EPA 150.1	Drinking Water
pH	SM 4500-H ⁺ B-00	Drinking Water
Residue, filterable (TDS)	SM 2540 C-97	Drinking Water
Silica as SiO ₂	SM 4500-SiO ₂ D-97	Drinking Water
Sulfate	EPA 300.0 Rev 2.1	Drinking Water
Turbidity	EPA 180.1 Rev 2.0	Drinking Water
Aluminum	EPA 200.7 Rev 4.4	Drinking Water
Aluminum	EPA 200.8 Rev 5.4	Drinking Water
Antimony	EPA 200.8 Rev 5.4	Drinking Water
Arsenic	EPA 200.8 Rev 5.4	Drinking Water
Barium	EPA 200.7 Rev 4.4	Drinking Water
Barium	EPA 200.8 Rev 5.4	Drinking Water
Beryllium	EPA 200.7 Rev 4.4	Drinking Water
Beryllium	EPA 200.8 Rev 5.4	Drinking Water
Cadmium	EPA 200.7 Rev 4.4	Drinking Water
Cadmium	EPA 200.8 Rev 5.4	Drinking Water
Chromium	EPA 200.7 Rev 4.4	Drinking Water
Chromium	EPA 200.8 Rev 5.4	Drinking Water
Copper	EPA 200.7 Rev 4.4	Drinking Water



*Environmental Laboratory Certification Program
Scope of Certification
Certified Minnesota Environmental Laboratories*

**THIS LISTING OF CERTIFIED FIELDS OF TESTING MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 11388AA**

State Laboratory ID: 019-999-415

EPA Lab Code: IA00016

Expiration Date: 1/10/2010

Issue Date: 7/31/2008

**University (State) Hygienic Laboratory
102 Oakdale Campus
Iowa City, IA 52242**

Safe Drinking Water Program

Analyte	Method	Matrix
Copper	EPA 200.8 Rev 5.4	Drinking Water
Iron	EPA 200.7 Rev 4.4	Drinking Water
Lead	EPA 200.8 Rev 5.4	Drinking Water
Manganese	EPA 200.7 Rev 4.4	Drinking Water
Mercury	EPA 200.8 Rev 5.4	Drinking Water
Mercury	EPA 245.2	Drinking Water
Nickel	EPA 200.7 Rev 4.4	Drinking Water
Nickel	EPA 200.8 Rev 5.4	Drinking Water
Selenium	EPA 200.8 Rev 5.4	Drinking Water
Silver	EPA 200.8 Rev 5.4	Drinking Water
Sodium	EPA 200.7 Rev 4.4	Drinking Water
Thallium	EPA 200.8 Rev 5.4	Drinking Water
Zinc	EPA 200.7 Rev 4.4	Drinking Water
Zinc	EPA 200.8 Rev 5.4	Drinking Water
Coliform, Total	Colilert®	Drinking Water
Coliform, Total	Colilert® Quanti-Tray®	Drinking Water
Coliform, Total	Colilert®-18	Drinking Water
Coliform, Total	Colilert®-18 Quanti-Tray®	Drinking Water
Coliform, Total	SM 9221 B (LTB)-99	Drinking Water
Coliform, Total	SM 9222 B (M-Endo)-97	Drinking Water
Escherichia coli	Colilert®	Drinking Water
Escherichia coli	Colilert®-18	Drinking Water
Escherichia coli	SM 9222 B (M-Endo) + G (EC MUG)-97	Drinking Water
2,4,5-TP (Silvex)	EPA 515.3 Rev 1.0	Drinking Water
2,4-D	EPA 515.3 Rev 1.0	Drinking Water
Alachlor (Lasso)	EPA 525.2 Rev 2.0	Drinking Water
Atrazine	EPA 525.2 Rev 2.0	Drinking Water
bis(2-Ethylhexyl)phthalate (DEHP)	EPA 525.2 Rev 2.0	Drinking Water
Bromoacetic acid	EPA 552.2 Rev 1.0	Drinking Water
Carbofuran, Total (Furaden)	EPA 531.1 Rev 3.1	Drinking Water
Chlordane (tech.)	EPA 508 Rev 3.1	Drinking Water



*Environmental Laboratory Certification Program
Scope of Certification
Certified Minnesota Environmental Laboratories*

**THIS LISTING OF CERTIFIED FIELDS OF TESTING MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 11388AA**

State Laboratory ID: 019-999-415

EPA Lab Code: IA00016

Expiration Date: 1/10/2010

Issue Date: 7/31/2008

**University (State) Hygienic Laboratory
102 Oakdale Campus
Iowa City, IA 52242**

Safe Drinking Water Program

Analyte	Method	Matrix
Dichloroacetic acid	EPA 552.2 Rev 1.0	Drinking Water
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3 Rev 1.0	Drinking Water
Diquat	EPA 549.2 Rev 1.0	Drinking Water
Endrin	EPA 508 Rev 3.1	Drinking Water
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	EPA 508 Rev 3.1	Drinking Water
Glyphosate	EPA 547	Drinking Water
Heptachlor	EPA 508 Rev 3.1	Drinking Water
Heptachlor epoxide	EPA 508 Rev 3.1	Drinking Water
Hexachlorobenzene	EPA 508 Rev 3.1	Drinking Water
Hexachlorocyclopentadiene	EPA 508 Rev 3.1	Drinking Water
Methoxychlor	EPA 508 Rev 3.1	Drinking Water
Monobromoacetic acid	EPA 552.2 Rev 1.0	Drinking Water
Monochloroacetic acid	EPA 552.2 Rev 1.0	Drinking Water
Oxamyl	EPA 531.1 Rev 3.1	Drinking Water
Pentachlorophenol	EPA 515.3 Rev 1.0	Drinking Water
Picloram (Tordon)	EPA 515.3 Rev 1.0	Drinking Water
Toxaphene (Chlorinated camphene)	EPA 508 Rev 3.1	Drinking Water
Trichloroacetic acid	EPA 552.2 Rev 1.0	Drinking Water
Cesium, radioactive	EPA 901.1	Drinking Water
Gross alpha-beta	EPA 600/4-75-008 p. 1 EMSL CI	Drinking Water
Gross-alpha	EPA 00-02 (GPC) EPA 520/5-84-006	Drinking Water
Iodine, radioactive	EPA 901.1	Drinking Water
Iodine, radioactive	SM 7500-1 C (GPC)-00	Drinking Water
Radium-226	EPA 903.0 (GPC)	Drinking Water
Radium-228	EPA 904.0	Drinking Water
Strontium-89, 90	EPA 905.0	Drinking Water
Tritium	EPA 906.0	Drinking Water
Uranium	EPA 200.8 Rev 5.4	Drinking Water
Uranium	EPA 908.0 (GPC)	Drinking Water
1,1,1-Trichloroethane	EPA 524.2 Rev 4.1	Drinking Water



*Environmental Laboratory Certification Program
Scope of Certification
Certified Minnesota Environmental Laboratories*

**THIS LISTING OF CERTIFIED FIELDS OF TESTING MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 11388AA**

State Laboratory ID: 019-999-415

EPA Lab Code: IA00016

Expiration Date: 1/10/2010

Issue Date: 7/31/2008

**University (State) Hygienic Laboratory
102 Oakdale Campus
Iowa City, IA 52242**

Safe Drinking Water Program

Analyte	Method	Matrix
1,1,2-Trichloroethane	EPA 524.2 Rev 4.1	Drinking Water
1,1-Dichloroethylene	EPA 524.2 Rev 4.1	Drinking Water
1,2,4-Trichlorobenzene	EPA 524.2 Rev 4.1	Drinking Water
1,2-Dichlorobenzene	EPA 524.2 Rev 4.1	Drinking Water
1,2-Dichloroethane	EPA 524.2 Rev 4.1	Drinking Water
1,2-Dichloropropane	EPA 524.2 Rev 4.1	Drinking Water
1,3-Dichlorobenzene	EPA 524.2 Rev 4.1	Drinking Water
1,4-Dichlorobenzene	EPA 524.2 Rev 4.1	Drinking Water
Benzene	EPA 524.2 Rev 4.1	Drinking Water
Bromodichloromethane	EPA 524.2 Rev 4.1	Drinking Water
Bromoform	EPA 524.2 Rev 4.1	Drinking Water
Carbon tetrachloride	EPA 524.2 Rev 4.1	Drinking Water
Chlorobenzene	EPA 524.2 Rev 4.1	Drinking Water
Chloroform	EPA 524.2 Rev 4.1	Drinking Water
cis-1,2-Dichloroethylene	EPA 524.2 Rev 4.1	Drinking Water
Dibromochloromethane	EPA 524.2 Rev 4.1	Drinking Water
Ethylbenzene	EPA 524.2 Rev 4.1	Drinking Water
Methylene chloride	EPA 524.2 Rev 4.1	Drinking Water
Styrene	EPA 524.2 Rev 4.1	Drinking Water
Tetrachloroethylene (Perchloroethylene)	EPA 524.2 Rev 4.1	Drinking Water
Toluene	EPA 524.2 Rev 4.1	Drinking Water
trans-1,2-Dichloroethylene	EPA 524.2 Rev 4.1	Drinking Water
Trichloroethene (Trichloroethylene)	EPA 524.2 Rev 4.1	Drinking Water
Vinyl chloride	EPA 524.2 Rev 4.1	Drinking Water

Sample Preparation

Analyte	Method	Matrix
Preparation Inorganic	Distillation, MIDI	N/A
Preparation Metals	Digestion, hotplate or HotBlock	N/A
Preparation Other Organic	Extraction, separatory funnel liquid-liquid (LLE)	N/A
Preparation Other Organic	Extraction, solid phase (SPE)	N/A



*Environmental Laboratory Certification Program
Scope of Certification
Certified Minnesota Environmental Laboratories*

**THIS LISTING OF CERTIFIED FIELDS OF TESTING MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 11388AA**

State Laboratory ID: 019-999-415

EPA Lab Code: IA00016

Expiration Date: 1/10/2010

Issue Date: 7/31/2008

**University (State) Hygienic Laboratory
102 Oakdale Campus
Iowa City, IA 52242**

Sample Preparation

Analyte	Method	Matrix
Preparation Volatile Organic	Purge and trap	N/A

Note: Methods beginning with "SM" refer to the approved editions of Standard Methods for the Examination of Water and Wastes. Approved methods are listed in the applicable parts of Title 40 of the Code of Federal Regulations (including its subsequent Federal Register updates), MN Statutes and Rules, and state-issued permits.