



*State of Vermont Department of Health  
Drinking Water Laboratory Certification*

*Eastern Analytical, Inc.  
Concord, New Hampshire*

*Is certified to perform analyses on drinking water pursuant to their most recent Drinking Water Laboratory Certification Listing.*

Mark A.  
Levine, MD

Digitally signed by Mark  
A. Levine, MD  
Date: 2023.11.08  
15:14:59 -05'00'

*Commissioner of Health*

Ali Boren

Digitally signed by Ali  
Boren  
Date: 2023.11.07  
09:21:51 -05'00'

*Laboratory Certification Officer*

November 16, 2023

*Date certified*

VT – 101204

*Laboratory Number*

November 16, 2024

*Certificate expiration date*

10120423

*Certificate Number*

Vermont Drinking Water Laboratory Certification Listing  
 Listing Number 10120423A  
 Effective November 16, 2023 provided for in 18 VSA 501b  
 Expiration Date November 16, 2024  
 This listing is not valid without accompanying Vermont Certificate  
**Eastern Analytical, Inc.**  
**Concord, NH**

**DRINKING WATER MICRO MICROBIOLOGY**

Total Coliform & E. coli (SM 9223 B):  
     Colilert-18, P/A                      Colilert-18, quantitray  
     Colisure, P/A  
 Heterotrophic Plate Count:  
     SimPlate  
 Enterococci:  
     Enterolert

**DRINKING WATER METALS**

Aluminum:                      EPA 200.7              EPA 200.8  
 Antimony:                      EPA 200.8  
 Arsenic:                        EPA 200.8  
 Barium:                         EPA 200.7              EPA 200.8  
 Beryllium:                     EPA 200.7              EPA 200.8  
 Boron:                         EPA 200.7  
 Cadmium:                      EPA 200.7              EPA 200.8  
 Calcium:                       EPA 200.7              EPA 200.8  
 Chromium, total:              EPA 200.7              EPA 200.8  
 Copper:                        EPA 200.7              EPA 200.8  
 Iron:                            EPA 200.7              EPA 200.8  
 Lead:                           EPA 200.8  
 Magnesium:                    EPA 200.7              EPA 200.8  
 Manganese:                    EPA 200.7              EPA 200.8  
 Mercury:                      EPA 200.8  
 Molybdenum:                   EPA 200.7              EPA 200.8  
 Nickel:                         EPA 200.7              EPA 200.8  
 Selenium:                      EPA 200.8  
 Silver:                         EPA 200.7              EPA 200.8  
 Sodium:                        EPA 200.7              EPA 200.8  
 Thallium:                      EPA 200.8

**DRINKING WATER METALS (cont.)**

Uranium:                      EPA 200.8  
 Vanadium:                    EPA 200.7              EPA 200.8  
 Zinc:                           EPA 200.7              EPA 200.8

**DRINKING WATER INORGANIC CONTAMINANTS**

Alkalinity:                    SM 2320 B  
 Chloride                      EPA 300.0  
 Chlorine, free                SM 4500-Cl G  
 Color:                        EPA 110.2              SM 2120 B  
 Conductivity (Specific Conductance):  
     EPA 120.1              SM 2510 B  
 Cyanide, Free:  
     OIA-1677-09  
 Cyanide, Available:  
     OIA-1677-09  
 DOC:                         SM 5310 C  
 Fluoride:                     EPA 300.0  
 Hardness, total:  
     SM 2340 B  
 Hardness (Calc.):            EPA 200.7              EPA 200.8  
 Nitrate-N:                    EPA 300.0              EPA 353.2  
 Nitrate (Calc.):             EPA 353.2  
 Nitrate-Nitrite, Total:    EPA 300.0              EPA 353.2  
 Nitrite-N:                    EPA 300.0              EPA 353.2  
 Odor:                         SM 2150 B  
 Orthophosphate:            EPA 365.1  
 pH:                            EPA 150.1              SM 4500-H<sup>+</sup> B  
 Residue, Total Filterable (TDS):  
     SM 2540 C  
 Silica:                        EPA 200.7  
 Sulfate:                      EPA 300.0  
 TOC:                         SM 5310 C

**DRINKING WATER INORGANIC CONTAMINANTS (cont.)**

Turbidity: EPA 180.1 SM 2130 B  
 UV 254: SM 5910 B

**DRINKING WATER ACIDS, BASE/NEUTRALS**

Benzo(a)pyrene: EPA 525.2  
 Di(2-ethylhexyl)adipate: EPA 525.2  
 Di(2-ethylhexyl)phthalate: EPA 525.2

**DRINKING WATER CARBAMATES**

Aldicarb Sulfone: EPA 531.2  
 Aldicarb Sulfoxide: EPA 531.2  
 Baygon (Propoxur): EPA 531.2  
 Carbaryl: EPA 531.2  
 Carbofuran: EPA 531.2  
 3-Hydroxycarbofuran: EPA 531.2  
 Methiocarb: EPA 531.2  
 Methomyl: EPA 531.2  
 Vydate (Oxamyl): EPA 531.2

**DRINKING WATER HERBICIDES**

Acifluorfen: EPA 515.4  
 2,4-D: EPA 515.4  
 Dalapon: EPA 552.3  
 Dinoseb: EPA 515.4  
 Pentachlorophenol: EPA 515.4  
 Picloram: EPA 515.4  
 2,4,5-TP (Silvex): EPA 515.4

**INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS**

DBCP: EPA 504.1  
 EDB: EPA 504.1

**DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS**

Bromoacetic Acid: EPA 552.3  
 Chloroacetic Acid: EPA 552.3  
 Dibromoacetic Acid: EPA 552.3  
 Dichloroacetic Acid: EPA 552.3  
 Trichloroacetic Acid: EPA 552.3  
 Total Haloacetic Acids: EPA 552.3

**DRINKING WATER INSECTICIDES (PESTICIDES)**

Alachlor: EPA 525.2  
 Aldrin: EPA 525.2  
 Atrazine: EPA 525.2  
 Butachlor: EPA 525.2  
 Chlordane: EPA 505  
 Dieldrin: EPA 525.2  
 Endrin: EPA 525.2  
 Heptachlor: EPA 525.2  
 Heptachlor Epoxide: EPA 525.2  
 Hexachlorobenzene: EPA 525.2  
 Hexachlorocyclopentadiene: EPA 525.2  
 Lindane: EPA 525.2  
 Methoxychlor: EPA 525.2  
 Metolachlor: EPA 525.2  
 Propachlor: EPA 525.2  
 Simazine: EPA 525.2  
 Toxaphene: EPA 505

**DRINKING WATER TRIHALOMETHANES**

Bromodichloromethane: EPA 524.2  
 Bromoform: EPA 524.2  
 Chlorodibromomethane: EPA 524.2  
 Chloroform: EPA 524.2  
 Total Trihalomethanes: EPA 524.2

**DRINKING WATER VOLATILE ORGANICS**

Benzene:  
     EPA 524.2  
 Bromobenzene:  
     EPA 524.2  
 Bromochloromethane:  
     EPA 524.2  
 Bromomethane:  
     EPA 524.2  
 n-Butylbenzene:  
     EPA 524.2  
 sec-Butylbenzene:  
     EPA 524.2  
 tert-Butylbenzene:  
     EPA 524.2  
 Carbon Tetrachloride:  
     EPA 524.2  
 Chlorobenzene:  
     EPA 524.2  
 Chloroethane:  
     EPA 524.2  
 Chloromethane:  
     EPA 524.2  
 2-Chlorotoluene:  
     EPA 524.2  
 4-Chlorotoluene:  
     EPA 524.2  
 Dibromomethane:  
     EPA 524.2  
 1,2-Dichlorobenzene:  
     EPA 524.2  
 1,3-Dichlorobenzene:  
     EPA 524.2  
 1,4-Dichlorobenzene:  
     EPA 524.2  
 Dichlorodifluoromethane:  
     EPA 524.2  
 1,1-Dichloroethane:  
     EPA 524.2  
 1,2-Dichloroethane:  
     EPA 524.2  
 c-1,2-Dichloroethene:  
     EPA 524.2  
 t 1,2-Dichloroethylene:  
     EPA 524.2  
 1,1-Dichloroethylene:  
     EPA 524.2  
 Dichloromethane:  
     EPA 524.2  
 1,2-Dichloropropane:  
     EPA 524.2  
 1,3-Dichloropropane:  
     EPA 524.2

**DRINKING WATER VOLATILE ORGANICS (cont.)**

2,2-Dichloropropane:  
     EPA 524.2  
 1,1-Dichloropropene:  
     EPA 524.2  
 c 1,3-Dichloropropene:  
     EPA 524.2  
 t 1,3-Dichloropropene:  
     EPA 524.2  
 Ethylbenzene:  
     EPA 524.2  
 Hexachlorobutadiene:  
     EPA 524.2  
 Isopropylbenzene:  
     EPA 524.2  
 4-Isopropyltoluene:  
     EPA 524.2  
 Methyl t-Butyl Ether (MTBE):  
     EPA 524.2  
 Naphthalene:  
     EPA 524.2  
 n-Propylbenzene:  
     EPA 524.2  
 Styrene:  
     EPA 524.2  
 1,1,1,2-Tetrachloroethane:  
     EPA 524.2  
 1,1,2,2-Tetrachloroethane:  
     EPA 524.2  
 Tetrachloroethylene:  
     EPA 524.2  
 Toluene:  
     EPA 524.2  
 1,2,3-Trichlorobenzene:  
     EPA 524.2  
 1,2,4-Trichlorobenzene:  
     EPA 524.2  
 1,1,1-Trichloroethane:  
     EPA 524.2  
 1,1,2-Trichloroethane:  
     EPA 524.2  
 Trichloroethylene:  
     EPA 524.2  
 Trichlorofluoromethane:  
     EPA 524.2  
 1,2,4-Trimethylbenzene:  
     EPA 524.2  
 1,3,5-Trimethylbenzene:  
     EPA 524.2  
 Total Xylenes:  
     EPA 524.2  
 Vinyl Chloride:  
     EPA 524.2

By:


 Digitally signed by Ali  
 Boren  
 Date: 2023.11.07  
 09:21:38 -05'00'

Certification Officer

Date signed: November 7, 2023

As of November 16, 2023, this list supersedes all previous lists for this certificate number. Vermont Certification is based in part upon current New Hampshire Accreditation Certificate of Approval number 101223-B, January 21, 2023 – January 20, 2024. Laboratories are certified in Vermont based, in part, upon its Primary Accrediting Body(ies) drinking water accreditation(s). Also, loss of drinking water primary accreditation (in part or whole) constitutes loss of certification in Vermont for the same drinking water tests.