



*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 10120423C
Effective March 10, 2024 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
Systea Easy (1-Reagent) Nitrate
Nitrate (Calc.): EPA 353.2
Nitrate-Nitrite, Total:
EPA 300.0 EPA 353.2
Systea Easy (1-Reagent) Nitrate
Nitrite-N: EPA 300.0 EPA 353.2
Odor: SM 2150 B
Orthophosphate:
EPA 365.1
pH: EPA 150.1 SM 4500-H⁺ 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: EPA 531.2
 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:

Ali Boren
Digitally signed by Ali
Boren
Date: 2024.03.10
10:11:08 -04'00'

Certification Officer
Date signed: March 10, 2024

As of March 10, 2024, 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 101224-B, January 21, 2024 – January 20, 2025. 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.