



VERMONT

DEPARTMENT OF HEALTH

*State of Vermont Department of Health
Drinking Water Laboratory Certification
National Testing Laboratories, Ltd
Ypsilanti, Michigan*

Is certified to perform microbiological, inorganic and organic analyses on drinking water pursuant to the certification letter dated November 30, 2017.

Commissioner of Health

Mary Beth

Laboratory Director

W. H. H.

Laboratory Certification Officer

November 30, 2017

Date certified

VT - 40014

Laboratory Number

November 30, 2018

Certificate expiration date

Vermont Drinking Water Certification
Analytical Methods
 Issued November 30, 2017 as provided for in 18 VSA 501b
 Expiration Date November 30, 2018
 This listing is not valid without accompanying Vermont Certificate
National Testing Laboratories, Ltd.
Ypsilanti, MI

DRINKING WATER MICRO

Heterotrophic Plate Count:
 SM 9215B
 Total Coliform & E. coli:
 Chromogenic/fluorogenic substrate test, total coliform
 Colilert, SM 9223 B, P/A and Enumeration

DRINKING WATER METALS

Aluminum: EPA 200.7
 Antimony: EPA 200.8
 Arsenic: EPA 200.8 SM 3113 B
 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
 Chromium: EPA 200.7 EPA 200.8
 Copper: EPA 200.7 EPA 200.8
 Iron: EPA 200.7
 Lead: EPA 200.8 SM 3113 B
 Lithium: EPA 200.7
 Magnesium: EPA 200.7
 Manganese: EPA 200.7 EPA 200.8
 Mercury: EPA 200.8
 Nickel: EPA 200.7 EPA 200.8
 Selenium: EPA 200.8 SM 3113 B
 Silver: EPA 200.7 EPA 200.8
 Sodium: EPA 200.7
 Strontium: EPA 200.7

DRINKING WATER METALS (cont.)

Thallium: EPA 200.8
 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
 Bromate: EPA 300.1 EPA 326.0
 Bromide: EPA 300.0 EPA 300.1
 Chlorate: EPA 300.1
 Chlorite: EPA 300.1
 Chloride: EPA 300.0
 Chlorine Dioxide: SM4500-CLO2D
 Chlorine, Free & Total: SM 4500CI G
 Color: SM 2120 B
 Conductivity(Specific Conductance): SM 2510 B
 Fluoride: EPA 300.0
 Hardness: SM 2340 B SM 2340 C
 Nitrate-N: EPA 300.0
 Nitrate-Nitrite, Total: EPA 300.0
 Nitrite-N: EPA 300.0
 Odor: SM 2150 B
 Orthophosphate: EPA 300.0
 pH: EPA 150.1
 Residue, Total Filterable (TDS): SM 2540 C
 Sulfate: EPA 300.0

DRINKING WATER INORGANIC CONTAMINANTS (cont.)

Surfactants:
 SM 5540 C
 TOC:
 SM 5310 C
 Turbidity:
 SM 2130 B
 Silica:
 EPA 200.7

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
 Carbaryl:
 EPA 531.2
 Carbofuran:
 EPA 531.2
 3-Hydrocarbofuran:
 EPA 531.2
 Methomyl:
 EPA 531.2
 Vydate (oxamyl):
 EPA 531.2

DRINKING WATER HERBICIDES

Bentazon:
 EPA 515.4
 2,4-D:
 EPA 515.4
 Dalapon:
 EPA 515.4 EPA 552.2
 Dicamba:
 EPA 515.4
 Dinoseb:
 EPA 515.4
 Pentachlorophenol:
 EPA 515.4
 Picloram:
 EPA 515.4
 2,4,5-TP (Silvex):
 EPA 515.4

DRINKING WATER INSECTICIDES (PESTICIDES)

Alachlor:
 EPA 525.2
 Aldrin:
 EPA 505 EPA 525.2
 Atrazine:
 EPA 525.2
 Butachlor:
 EPA 525.2

DRINKING WATER INSECTICIDES (PESTICIDES) (cont.)

Chlordane:
 EPA 505
 Dieldrin:
 EPA 505 EPA 525.2
 Endrin :
 EPA 505 EPA 525.2
 Heptachlor:
 EPA 505 EPA 525.2
 Heptachlor Epoxide:
 EPA 505 EPA 525.2
 Hexachlorobenzene:
 EPA 505 EPA 525.2
 Hexachlorocyclopentadiene:
 EPA 505 EPA 525.2
 Lindane:
 EPA 505 EPA 525.2
 Methoxychlor:
 EPA 505 EPA 525.2
 Metribuzin:
 EPA 525.2
 Molinate:
 EPA 525.2
 Propachlor:
 EPA 525.2
 Simazine:
 EPA 525.2
 Toxaphene:
 EPA 505

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP
 EPA 504.1
 EDB:
 EPA 504.1
 Diquat:
 EPA 549.2
 Endothall:
 EPA 548.1
 PCBs as Arolors:
 EPA 505
 Glyphosate:
 EPA 547
 1,2,3 Trichloropropane:
 EPA 524.2

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

Bromodichloromethane:
EPA 524.2

Bromoform:
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

Chloroform:
EPA 524.2

Chloromethane:
EPA 524.2

2-Chlorotoluene:
EPA 524.2

4-Chlorotoluene:
EPA 524.2

Dibromochloromethane:
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

2,2-Dichloropropane:
EPA 524.2

1,1-Dichloropropene:
EPA 524.2

c 1,3-Dichloropropene:
EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

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

1,2,3-Trichloropropane:
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

DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS

Bromoacetic Acid:
EPA 552.2

Chloroacetic Acid:
EPA 552.2

Dalapon:
EPA 552.2

Dibromoacetic Acid:
EPA 552.2

Dichloroacetic Acid:
EPA 552.2

Trichloroacetic Acid:
EPA 552.2

Total Haloacetic Acids:
EPA 552.2

By:



William G. Mills
Certification Officer
Date signed and effective November 30, 2017

As of November 30, 2017, this list supersedes all previous lists for this certificate number Vermont Certification is based in part upon current Louisiana Accreditation Certificate of Approval number LA170018 [January 1, 2017– December 31, 2017] and Pennsylvania Accreditation Certificate of Approval number 014 [April 30, 2017 – April 30, 2018]. Laboratories are certified in Vermont based, in part, upon its Primary Accrediting Authority(ies) drinking water accreditation. Also, loss of drinking water primary accreditation (in part or whole) constitutes loss of certification in Vermont for the same drinking water tests.