

Vermont Drinking Water Certification
Analytical Methods
Issued December 29, 2011 as provided for in 18 VSA 501b
Expiration Date December 31, 2012
This listing is not valid without accompanying Vermont Certificate
Endyne, Inc. (Williston)

DRINKING WATER MICRO

Total Coliform & E.coli:
Chromogenic/fluorogenic sustrate test, total coliform.

Colilert, SM 9223B

E.coli:
Chromogenic/fluorogenic sustrate test, total coliform.

Colilert, SM 9223B enumeration

DRINKING WATER METALS

Aluminum:
EPA 200.7

Antimony:
SM 3113 B

Arsenic:
SM 3113 B

Barium:
EPA 200.7

Beryllium:
EPA 200.7

Cadmium:
EPA 200.7

Calcium:
EPA 200.7

Chromium:
EPA 200.7

Copper:
EPA 200.7

Iron:
EPA 200.7

Lead:
SM 3113 B

Magnesium:
EPA 200.7

Manganese:
EPA 200.7

Mercury:
EPA 245.1

Nickel:
EPA 200.7

Selenium:
SM 3113 B

Silver:
EPA 200.7

Sodium:
EPA 200.7

Thallium:
EPA 200.9

Zinc:
EPA 200.7

DRINKING WATER INORGANIC CONTAMINANTS

Alkalinity:
SM 2320 B

Chloride:
EPA 300.0

Color:
SM 2120 B

Conductivity (Specific Conductance):
EPA 120.1

Fluoride:
EPA 300.0

Nitrate-N:
EPA 300.0

Nitrite-N:
EPA 300.0

Odor:
EPA 140.1

Orthophosphate:
EPA 300.0

pH:
SM 4500H⁺B

Residue, Total Filterable (TDS):
SM 2540 C

Sulfate:
EPA 300.0

Turbidity:
EPA 180.1

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 HERBICIDES

2,4-D:
EPA 515.4

Dalapon:
EPA 515.4

Dicamba:
EPA 515.4

Dinoseb:
EPA 515.4

Pentachlorophenol:
EPA 515.4

Picloram:
EPA 515.4

2,4-TP (Silvex):
EPA 515.4

DRINKING WATER INSECTICIDES (PESTICIDES)

Alachlor: EPA 525.2
 Aldrin: EPA 505
 Atrazine: EPA 525.2
 Butachlor: EPA 525.2
 Chlordane: EPA 505
 Dieldrin: EPA 505
 Endrin: EPA 505
 Heptachlor: EPA 505
 Heptachlor Epoxide: EPA 505
 Hexachlorobenzene: EPA 525.2
 Hexachlorocyclopentadiene: EPA 525.2
 Lindane: EPA 505
 Methoxychlor: EPA 505
 Metolachlor: EPA 525.2
 Metribuzin: 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
 PCBs as Aroclors: 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

DRINKING WATER VOLATILE ORGANICS (cont.)

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
 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
 t 1,3-Dichloropropene: EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

Ethylbenzene:
EPA 524.2
Hexachlorbutadiene:
EPA 524.2
Isopropylbenzene:
EPA 524.2


4-Isopropyltoluene:
EPA 524.2
Methyl t-Butyl Ether (MTBE):
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

DRINKING WATER VOLATILE ORGANICS (cont.)

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
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 December 29, 2011

As of December 29, 2010 this listing supersedes all previous lists for this certificate number. Vermont Certification is based in part upon current New York Accreditation Certificate of Approval NY lab ID 11263, April 1, 2011 – April 1, 2012 (Revised June 28, 2011) 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.



VERMONT

DEPARTMENT OF HEALTH

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

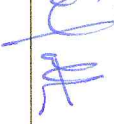
*Endyne, Inc.
Williston, Vermont*

*Is certified to perform microbiological, inorganic and organic analyses on drinking water pursuant to the
certification letter dated December 29, 2011.*



Commissioner of Health

Laboratory Director



Laboratory Certification Officer



January 1, 2012

Date certified

VT - 2021

Laboratory Number

December 31, 2012

Certificate expiration date