




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

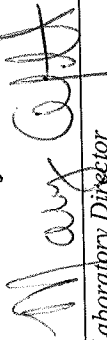
Underwriters Laboratories Inc.

South Bend, Indiana

Is certified to perform inorganic, organic and radiological analyses on drinking water pursuant to the certification letter dated November 15, 2011.



Commissioner of Health



Laboratory Director



Laboratory Certification Officer

November 15, 2011
Date certified

VT - 8775
Laboratory Number

November 15, 2012
Certificate expiration date

Vermont Drinking Water Certification
 Analytical Methods
 Issued November 15, 2011 as provided for in 18 VSA 501b
 Expiration Date November 15, 2012
 This listing is not valid without accompanying Vermont Certificate
Underwriters Laboratories, Inc.
South Bend, IN

DRINKING WATER METALS

Aluminum:	EPA 200.7	EPA 200.8
Antimony:	EPA 200.8	
Arsenic:	EPA 200.8	
Barium:	EPA 200.8	
Beryllium:	EPA 200.8	
Cadmium:	EPA 200.8	
Calcium:	EPA 200.7	
Chromium:	EPA 200.8	
Copper:	EPA 200.8	
n:	EPA 200.7	
Lead:	EPA 200.8	
Magnesium:	EPA 200.7	
Manganese:	EPA 200.7	EPA 200.8
Mercury:	EPA 245.1	
Molybdenum:	EPA 200.8	
Nickel:	EPA 200.8	
Selenium:	EPA 200.8	
Silver:	EPA 200.7	EPA 200.8
Sodium:	EPA 200.7	
Thallium:	EPA 200.8	
Uranium:	EPA 200.8	
Vanadium:	EPA 200.8	
Zinc:	EPA 200.8	

DRINKING WATER INORGANIC CONTAMINANTS

Alkalinity:	SM 2320 B	
Bromate:	EPA 300.1	EPA 317.0
Bromide:	EPA 300.0	
Chlorate:	EPA 300.0	
Chlorite:	EPA 300.0	
Chloride:	EPA 300.0	
Chlorine, Free & Total:	SM 4500Cl G	
Color:	SM 2120B	
Conductivity(Specific Conductance):	SM 2510 B	
Corrosivity (Langlier Index):	SM 2330 B	
Cyanide:	Lachat 10-204-00-1-X	
Cyanide, Total:	EPA 335.4	
DOC:	SM 5310 C	
Fluoride:	EPA 300.0	SM 4500-F- C
	Tech 380-75 WE	
Hardness:	SM 2340 B	
Hardness (Calc.):	SM 200.7	
Nitrate-N:	EPA 300.0	EPA 353.2
Nitrate-Nitrite, Total:	EPA 353.2	
Nitrite-N:	EPA 353.2	
Orthophosphate:	SM 4500P-E	
pH:	EPA 150.1	
Perchlorate:	EPA 314.0	EPA 331.0
Residue, Total Filterable (TDS):	SM 2540 C	
Sulfate:	EPA 300.0	

DRINKING WATER INORGANIC CONTAMINANTS (cont.)

TOC: SM 5310 C
 Turbidity: EPA 180.1
 UV-254: SM 5910B

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
 Butyl Benzyl Phthalate: EPA 525.2
 Di-n-Butyl Phthalate: EPA 525.2
 Diethyl Phthalate: EPA 525.2
 Dimethyl Phthalate: EPA 525.2

DRINKING WATER CARBAMATES

Aldicarb: EPA 531.1 EPA 531.2
 Aldicarb Sulfone: EPA 531.1 EPA 531.2
 Aldicarb Sulfoxide: EPA 531.1 EPA 531.2
 Baygon (Propoxur): EPA 531.1 EPA 531.2
 Carbaryl: EPA 531.1 EPA 531.2
 Carbofuran: EPA 531.1 EPA 531.2
 3-Hydrocarbofuran: EPA 531.1 EPA 531.2
 Methiocarb: EPA 531.1 EPA 531.2
 Methomyl: EPA 531.1 EPA 531.2
 Vydate (Oxamyl): EPA 531.1 EPA 531.2

DRINKING WATER HERBICIDES

Acifluoren: EPA 515.3
 Bentazon: EPA 515.3
 2,4-D: EPA 515.3
 2,4-DB: EPA 515.3
 Dalapon: EPA 515.3
 DCPA Mono-acid: EPA 515.3
 DCPA Di-acid: EPA 515.3
 Dicamba: EPA 515.3
 3,5-Dichlorobenzoic Acid: EPA 515.3

DRINKING WATER HERBICIDES (cont.)

Dichloroprop: EPA 515.3
 Dinoseb: EPA 515.3
 Pentachlorophenol: EPA 515.3
 Picloram: EPA 515.3
 2,4,5-T: EPA 515.3
 2,4,5-TP (Silvex): EPA 515.3

DRINKING WATER INSECTICIDES (PESTICIDES)

Acetochlor: EPA 526
 Alachlor: EPA 525.2
 Aldrin: EPA 525.2
 Atrazine: EPA 525.2
 Bromacil: EPA 525.2
 Butachlor: EPA 525.2
 Chlordane: EPA 505
 4,4'-DDD: EPA 525.2
 4,4'-DDE: EPA 525.2
 4,4'-DDT: EPA 525.2
 Diazinon: EPA 526
 Dieldrin: EPA 525.2
 Endrin: EPA 525.2
 EPTC: EPA 525.2
 Heptachlor: EPA 525.2
 Heptachlor Epoxide: EPA 525.2
 Hexachlorobenzene: EPA 525.2
 Hexachlorocyclopentadiene: EPA 525.2
 Isophorone: EPA 525.2
 Lindane: EPA 525.2
 Methoxychlor: EPA 525.2
 Metolachlor: EPA 525.2
 Metribuzin: EPA 525.2
 Molinate: EPA 525.2
 Propachlor: EPA 525.2

DRINKING WATER INSECTICIDES (PESTICIDES) (cont.)

Simazine: EPA 525.2
 Toxaphene: EPA 505
 Permethrin: EPA 525.2

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP: EPA 504.1
 EDB: EPA 504.1
 Diquat: EPA 549.2
 Endothal: EPA 548.1
 PCBs as Aroclors: EPA 505
 1,2,3 Trichloropropane: EPA 524.2
 Glyphosate: EPA 547
 Dibromoacetonitrile: EPA 551.1
 2,3,7,8-TCDD: EPA 1613B

DRINKING WATER TRIHALOMETHANES

Bromodichloromethane: EPA 524.2 EPA 551.1
 Bromoform: EPA 524.2 EPA 551.1
 Chlorodibromomethane: EPA 524.2 EPA 551.1
 Chloroform: EPA 524.2 EPA 551.1
 Total Trihalomethanes: EPA 524.2 EPA 551.1

DRINKING WATER VOLATILE ORGANICS

Benzene: EPA 524.2
 Bromobenzene: EPA 524.2
 Bromochloroacetonitrile: EPA 551.1
 Bromochloromethane: EPA 524.2
 Bromodichloromethane: EPA 524.2 EPA 551.1
 Bromoform: EPA 524.2 EPA 551.1
 Bromomethane: EPA 524.2
 n-Butylbenzene: EPA 524.2
 sec-Butylbenzene: EPA 524.2
 tert-Butylbenzene: EPA 524.2
 Carbon Tetrachloride: EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

Chlorobenzene: EPA 524.2
 Chloroethane: EPA 524.2
 Chloroform: EPA 524.2 EPA 551.1
 Chloromethane: EPA 524.2
 2-Chlorotoluene: EPA 524.2
 4-Chlorotoluene: EPA 524.2
 Dibromoacetonitrile: EPA 551.1
 Dibromochloromethane: EPA 524.2 EPA 551.1
 Dibromomethane: EPA 524.2
 1,1-Dichloro-2-propanone: EPA 551.1
 Dichloroacetonitrile: EPA 551.1
 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
 cis-1,2-Dichloroethene: EPA 524.2
 trans-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
 cis-1,3-Dichloropropene: EPA 524.2
 trans-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

DRINKING WATER VOLATILE ORGANICS (cont.)

n-Propylbenzene:
EPA 524.2
Styrene:
EPA 524.2
1,1,1,2-Tetrachloroethane:
EPA 524.2
1,1,1,2-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
Bromochloroacetic Acid:
EPA 552.2
Bromodichloroacetic Acid:
EPA 552.2
Chloroacetic Acid:
EPA 552.2
Dibromoacetic Acid:
EPA 552.2
Dichloroacetic Acid:
EPA 552.2
Tribromoacetic Acid:
EPA 552.2
Trichloroacetic Acid:
EPA 552.2
Total Haloacetic Acids:
EPA 552.2

DRINKING WATER RADIOLOGICAL CONTAMINANTS

Gross Alpha:
SM7110B SM7110C
Gross Beta:
SM7110B
Radium-226:
SM 7500Ra B
Radium-228:
SM 7500 Ra D
Tritium:
EPA 906.0
Uranium:
EPA 200.8

By:



William G. Mills
Certification Officer

Date signed and effective November 15, 2011

As of November 15, 2011 this list supersedes all previous lists for this certificate number. Vermont Certification is based in part upon current Florida Accreditation Certificate of Approval number E87775, October 26, 2011 through June 30, 2012. 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.