



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

*Granite State Analytical Services, LLC
Derry, New Hampshire*

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

Mark Levine, MD
Digitally signed by Mark
Levine, MD
Date: 2024.03.29
13:47:31 -04'00'

Commissioner of Health

Ali Boren
Digitally signed by Ali
Boren
Date: 2024.03.28
20:33:50 -04'00'

Laboratory Certification Officer

April 1, 2024

Date certified

VT – 101507

Laboratory Number

April 1, 2025

Certificate expiration date

10150724

Certificate Number

Vermont Drinking Water Laboratory Certification Listing
Listing Number 10150724A
Effective April 1, 2024 as provided for in 18 VSA 501b
Expiration Date April 1, 2025
This listing is not valid without accompanying Vermont Certificate
Granite State Analytical Services LLC
Derry, NH

DRINKING WATER MICROBIOLOGY

Total coliform and *E. coli* (SM 9223 B):
Colilert, P/A Colilert, Quantitray
Colisure, P/A Colisure, QuantiTray
Colilert-18, P/A Colilert-18, QuantiTray
Heterotrophic Plate Count:
SimPlate

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, total:
EPA 200.7 EPA 200.8
Chromium:
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

DRINKING WATER METALS (Cont.)

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
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
Chlorine, Total:
SM 4500-Cl G
Conductivity(Specific Conductance):
SM 2510 B

DRINKING WATER INORGANIC CONTAMINANTS

DOC:
EPA 415.3

Fluoride:
EPA 300.0

Hardness (Calc.):
EPA 200.7 EPA 200.8

Nitrate-N:
EPA 300.0

Nitrate-Nitrite, Total:
EPA 300.0

Nitrite-N:
EPA 300.0 SM 4500-NO2 B

Orthophosphate:
EPA 300.0

pH:
SM 4500H+B

Silica:
EPA 200.7

Sulfate:
EPA 300.0

TOC:
EPA 415.3

Turbidity:
EPA 180.1

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 531.1

Aldicarb Sulfone:
EPA 531.1

Aldicarb Sulfoxide:
EPA 531.1

Baygon (Propoxur):
EPA 531.1

Carbaryl:
EPA 531.1

DRINKING WATER CARBAMATES

Carbofuran:
EPA 531.1

3-Hydroxycarbofuran:
EPA 531.1

Methiocarb:
EPA 531.1

Methomyl:
EPA 531.1

Vydate (Oxamyl):
EPA 531.1

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP
EPA 504.1

EDB:
EPA 504.1

Diquat:
EPA 549.2

PCBs as Aroclors:
EPA 505

1,2,3 Trichloropropane:
EPA 524.2 EPA 524.3

Glyphosate
EPA 547

DRINKING WATER HERBICIDES

Acifluoren:
EPA 515.3 EPA 515.4

2,4-D:
EPA 515.3 EPA 515.4

Dalapon:
EPA 515.3 EPA 515.4

Dicamba:
EPA 515.3 EPA 515.4

Dinoseb:
EPA 515.3 EPA 515.4

Pentachlorophenol:
EPA 515.3 EPA 515.4

Picloram:
EPA 515.3 EPA 515.4

2,4,5-TP (Silvex):
EPA 515.3 EPA 515.4

DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS

Bromoacetic Acid:
EPA 552.2

Bromochloroacetic 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

DRINKING WATER PESTICIDES

Alachlor:
EPA 525.2

Aldrin:
EPA 505 EPA 525.2

Atrazine:
EPA 525.2

Butachlor:
EPA 525.2

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

Metolachlor:
EPA 525.2

DRINKING WATER PESTICIDES (Cont.)

Metribuzin:
EPA 525.2

Propachlor:
EPA 525.2

Simazine:
EPA 525.2

Toxaphene:
EPA 505

DRINKING WATER TRIHALOMETHANES

Bromodichloromethane:
EPA 524.2 EPA 524.3

Bromoform:
EPA 524.2 EPA 524.3

Chlorodibromomethane:
EPA 524.2 EPA 524.3

Chloroform:
EPA 524.2 EPA 524.3

Total Trihalomethanes:
EPA 524.2 EPA 524.3

DRINKING WATER VOLATILE ORGANICS

Benzene:
EPA 524.2 EPA 524.3

Bromobenzene:
EPA 524.2 EPA 524.3

Bromochloromethane:
EPA 524.2 EPA 524.3

Bromomethane:
EPA 524.2 EPA 524.3

n-Butylbenzene:
EPA 524.2 EPA 524.3

sec-Butylbenzene:
EPA 524.2 EPA 524.3

tert-Butylbenzene:
EPA 524.2 EPA 524.3

Carbon Tetrachloride:
EPA 524.2 EPA 524.3

Chlorobenzene:
EPA 524.2 EPA 524.3

Chloroethane:
EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

Chloromethane:	
EPA 524.2	EPA 524.3
2-Chlorotoluene:	
EPA 524.2	EPA 524.3
4-Chlorotoluene:	
EPA 524.2	EPA 524.3
Dibromomethane:	
EPA 524.2	EPA 524.3
1,2-Dichlorobenzene:	
EPA 524.2	EPA 524.3
1,3-Dichlorobenzene:	
EPA 524.2	EPA 524.3
1,4-Dichlorobenzene:	
EPA 524.2	EPA 524.3
Dichlorodifluoromethane:	
EPA 524.2	EPA 524.3
1,1-Dichloroethane:	
EPA 524.2	EPA 524.3
1,2-Dichloroethane:	
EPA 524.2	EPA 524.3
c-1,2-Dichloroethene:	
EPA 524.2	EPA 524.3
t 1,2-Dichloroethylene:	
EPA 524.2	EPA 524.3
1,1-Dichloroethylene:	
EPA 524.2	EPA 524.3
Dichloromethane:	
EPA 524.2	EPA 524.3
1,2-Dichloropropane:	
EPA 524.2	EPA 524.3
1,3-Dichloropropane:	
EPA 524.2	EPA 524.3
2,2-Dichloropropane:	
EPA 524.2	EPA 524.3
1,1-Dichloropropene:	
EPA 524.2	EPA 524.3
c 1,3-Dichloropropene:	
EPA 524.2	EPA 524.3
t 1,3-Dichloropropene:	
EPA 524.2	EPA 524.3
Ethylbenzene:	
EPA 524.2	EPA 524.3
Hexachlorobutadiene:	
EPA 524.2	EPA 524.3
Isopropylbenzene:	
EPA 524.2	EPA 524.3

DRINKING WATER VOLATILE ORGANICS (cont.)

4-Isopropyltoluene:	
EPA 524.2	EPA 524.3
Methyl t-Butyl Ether (MTBE):	
EPA 524.2	EPA 524.3
Naphthalene:	
EPA 524.2	EPA 524.3
n-Propylbenzene:	
EPA 524.2	EPA 524.3
Styrene:	
EPA 524.2	EPA 524.3
1,1,1,2-Tetrachloroethane:	
EPA 524.2	EPA 524.3
1,1,2,2-Tetrachloroethane:	
EPA 524.2	EPA 524.3
Tetrachloroethylene:	
EPA 524.2	EPA 524.3
Toluene:	
EPA 524.2	EPA 524.3
1,2,3-Trichlorobenzene:	
EPA 524.2	EPA 524.3
1,2,4-Trichlorobenzene:	
EPA 524.2	EPA 524.3
1,1,1-Trichloroethane:	
EPA 524.2	EPA 524.3
1,1,2-Trichloroethane:	
EPA 524.2	EPA 524.3
Trichloroethylene:	
EPA 524.2	EPA 524.3
Trichlorofluoromethane:	
EPA 524.2	EPA 524.3
1,2,4-Trimethylbenzene:	
EPA 524.2	EPA 524.3
1,3,5-Trimethylbenzene:	
EPA 524.2	EPA 524.3
Total Xylenes:	
EPA 524.2	EPA 524.3
Vinyl Chloride:	
EPA 524.2	EPA 524.3

PERFLUORINATED ORGANIC CONTAMINANTS

N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA):
EPA 537.1

N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA):
EPA 537.1

Perfluorobutanesulfonic acid (PFBS):
EPA 537.1

Perfluorodecanoic acid (PFDA):
EPA 537.1

Perfluorododecanoic acid (PFDoA):
EPA 537.1

Perfluoroheptanoic acid (PFHpA):
EPA 537.1

Perfluorohexanesulfonic acid (PFHxS):
EPA 537.1

Perfluorohexanoic acid (PFHxA):
EPA 537.1

Perfluorononanoic acid (PFNA):
EPA 537.1

PERFLUORINATED ORGANIC CONTAMINANTS (Cont.)

Perfluorooctanesulfonic acid (PFOS):
EPA 537.1

Perfluorooctanoic acid (PFOA):
EPA 537.1

Perfluorotetradecanoic acid (PFTA):
EPA 537.1

Perfluorotridecanoic acid (PFTrDA):
EPA 537.1

Perfluoroundecanoic acid (PFUnA):
EPA 537.1

Hexafluoropropylene oxide dimer acid (HFPO-DA):
EPA 537.1

11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS):
EPA 537.1

9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS):
EPA 537.1

4,8-dioxa-3H-perfluorononanoic acid (ADONA):
EPA 537.1

By:

Ali Boren Digitally signed by Ali Boren
Date: 2024.03.28 20:33:40 -04'00'

Certification Officer
Signed March 28, 2024

As of April 1, 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 101523-B, May 16, 2023 – May 15, 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.