




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

*EMSL Analytical Inc.
Cinnaminson, NJ*

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



Commissioner of Health



Laboratory Certification Officer

October 3, 2022
Date certified

VT – 04006
Laboratory Number

October 3, 2023
Certificate expiration date

0400622
Certificate Number

Vermont Drinking Water Laboratory Certification Listing
 Listing Number 0400622B
 Effective January 13, 2023 as provided for in 18 VSA 501b
 Expiration Date October 3, 2023
 This listing is not valid without accompanying Vermont Certificate
EMSL Analytical, Inc.
Cinnaminson, NJ

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 200.8	
Cadmium:	EPA 200.7	EPA 200.8
Calcium:	EPA 200.7	
Chromium, total:	EPA 200.7	EPA 200.8
Copper:	EPA 200.7	EPA 200.8
Iron:	EPA 200.7	
Lead:	EPA 200.8	
Magnesium:	EPA 200.7	
Manganese:	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	
Thallium:	EPA 200.8	
Uranium:	EPA 200.8	
Zinc:	EPA 200.7	EPA 200.8

DRINKING WATER INORGANIC CONTAMINANTS

Asbestos:	EPA 100.1	EPA 100.2
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DRINKING WATER RADIOLOGICAL CONTAMINANTS

Gross Alpha:	EPA 900.0
Gross Beta:	EPA 900.0
Radium-226:	EPA 903.0
Radium-228:	EPA 904.0
Uranium:	EPA 200.8
Radon:	SM 7500-Rn B

DRINKING WATER ORGANIC CONTAMINANTS

Perfluorinated Chemicals (PFOA/PFOS and others):

N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA):	EPA 537	EPA 537.1	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA):	EPA 537	EPA 537.1	
Perfluorobutanesulfonic acid (PFBS):	EPA 537	EPA 537.1	EPA 533
Perfluorodecanoic acid (PFDA):	EPA 537	EPA 537.1	EPA 533
Perfluorododecanoic acid (PFDoA):	EPA 537	EPA 537.1	EPA 533
Perfluoroheptanoic acid (PFHpA):	EPA 537	EPA 537.1	EPA 533
Perfluorohexanesulfonic acid (PFHxS):	EPA 537	EPA 537.1	EPA 533
Perfluorohexanoic acid (PFHxA):	EPA 537	EPA 537.1	EPA 533
Perfluorononanoic acid (PFNA):	EPA 537	EPA 537.1	EPA 533
Perfluorooctanesulfonic acid (PFOS):	EPA 537	EPA 537.1	EPA 533
Perfluorooctanoic acid (PFOA):	EPA 537	EPA 537.1	EPA 533
Perfluorotetradecanoic acid (PFTA):	EPA 537	EPA 537.1	
Perfluorotridecanoic acid (PFTrDA):	EPA 537	EPA 537.1	
Perfluoroundecanoic acid (PFUnA):	EPA 537	EPA 537.1	EPA 533

DRINKING WATER ORGANIC CONTAMINANTS (Cont.)

Hexafluoropropylene oxide dimer acid (HFPO-DA):

EPA 537.1 EPA 533

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

EPA 537.1 EPA 533

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

EPA 537.1 EPA 533

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

EPA 537.1 EPA 533

Nonafluoro-3,6-dioxaheptanoic acid (NFDHA):

EPA 533

Perfluorobutanoic acid (PFBA):

EPA 533

1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS):

EPA 533

Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA):

EPA 533

Perfluoroheptanesulfonic acid (PFHpS):

EPA 533

1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS):

EPA 533

Perfluoro-3-methoxypropanoic acid (PFMPA):

EPA 533

Perfluoro-4-methoxybutanoic acid (PFMBA):

EPA 533

1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS):

EPA 533

Perfluoropentanoic acid (PFPeA):

EPA 533

Perfluoropentanesulfonic acid (PFPeS):

EPA 533

By:



Ali Boren

Certification Officer

Date signed January 13, 2023

As of January 13, 2023 this list supersedes all previous lists for this certificate number. Vermont Certification is based in part upon current New Jersey Accreditation Certificate, activity ID 220005, September 12, 2022 through June 30, 2023. 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.