



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

*Enthalpy Analytical LLC  
El Dorado Hills, California*

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

Mark A.  
Levine, MD

Digitally signed by Mark  
A. Levine, MD  
Date: 2023.07.12  
08:54:23 -04'00'

*Commissioner of Health*

Ali Boren

Digitally signed by Ali  
Boren  
Date: 2023.07.06  
15:08:55 -04'00'

*Laboratory Certification Officer*

July 9, 2023

*Date certified*

VT – 4042

*Laboratory Number*

July 9, 2024

*Certificate expiration date*

404223

*Certificate Number*

Vermont Drinking Water Laboratory Certification Listing

Listing Number 404223A

Effective July 9, 2023 as provided for in 18 VSA 501b

Expiration Date July 9, 2024

This listing is not valid without accompanying Vermont Certificate

**Enthalpy Analytical LLC**

**El Dorado Hills, CA**

**PERFLUORINATED 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

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 (PFEEESA):  
EPA 533

Perfluoroheptanesulfonic acid (PFHpS):  
EPA 533

**PERFLUORINATED CONTAMINANTS, CONT.**

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

EPA 533

Perfluoro-3-methoxypropanoic acid (PFMPA):

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 July 5, 2023

As of July 9, 2023, this list supersedes all previous lists for this certificate number. Vermont certification is based in part upon current Oregon Certificate of Approval Number 4042-022, February 8, 2023 through February 7, 2024. Laboratories are certified in Vermont based, in part, upon its Primary Accreditation 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.