



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

*Eurofins Portsmouth  
Portsmouth, NH*

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

Mark Levine, Digitally signed by Mark  
Levine, MD  
Date: 2024.11.25  
14:38:58 -05'00'  
MD

*Commissioner of Health*

Ali Boren Digitally signed by Ali  
Boren  
Date: 2024.11.21  
10:17:33 -05'00'

*Laboratory Certification Officer*

December 2, 2024  
*Date certified*

VT - 173204  
*Laboratory Number*

December 2, 2025  
*Certificate expiration date*

17320424  
*Certificate Number*

# Drinking Water Laboratory Certification Listing

Eurofins Portsmouth

Portsmouth, NH

Lab ID: VT 173204  
Listing Number: 17320424B  
Effective Date: December 2, 2024  
Expiration Date: December 2, 2025



## METALS

Analyte Number	Analyte	Method	Regulatory Category
1000	Aluminum	EPA 200.8	
1005	Antimony	EPA 200.8	IOC
1010	Arsenic	EPA 200.8	IOC
1015	Barium	EPA 200.8	IOC
1020	Beryllium	EPA 200.8	IOC
1025	Boron	EPA 200.8	
1030	Cadmium	EPA 200.8	IOC
1035	Calcium	EPA 200.8	
1040	Chromium, total	EPA 200.8	IOC
1055	Copper	EPA 200.8	IOC
1070	Iron	EPA 200.8	IOC
1075	Lead	EPA 200.8	IOC
1085	Magnesium	EPA 200.8	
1090	Manganese	EPA 200.8	IOC
1095	Mercury	EPA 245.1	IOC
1100	Molybdenum	EPA 200.8	
1105	Nickel	EPA 200.8	IOC
1125	Potassium	EPA 200.8	
1140	Selenium	EPA 200.8	IOC
1150	Silver	EPA 200.8	IOC
1155	Sodium	EPA 200.8	IOC
1165	Thallium	EPA 200.8	IOC
1184	Uranium	EPA 200.8	RAD
1185	Vanadium	EPA 200.8	
1190	Zinc	EPA 200.8	IOC

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## INORGANIC ANALYTES

Analyte Number	Analyte	Method	Regulatory Category
1505	Alkalinity	SM 2320 B	
1575	Chloride	EPA 300.0	IOC
1610	Conductivity (specific conductance)	SM 2510 B	
1645	Cyanide, total	SM 4500-CN F	IOC
1730	Fluoride	EPA 300.0	IOC
1750	Hardness, total	SM 2340 B	
1805	Nitrate-N	EPA 300.0	IOC
1820	Nitrate-Nitrite, total	EPA 300.0	
1835	Nitrite-N	EPA 300.0	IOC
1835	Nitrite-N	SM 4500-NO2 B	IOC
1870	Orthophosphate	EPA 300.0	
1870	Orthophosphate	EPA 365.3	
1900	pH	SM 4500-H+ B	IOC
1955	Residue, total filterable (TDS)	SM 2540 C	IOC
2000	Sulfate	EPA 300.0	IOC
2005	Sulfide	SM 4500-S2 D	
2040	TOC	SM 5310 C	
2055	Turbidity	SM 2130 B	

## INDIVIDUAL ORGANIC ANALYTES

Analyte Number	Analyte	Method	Regulatory Category
4570	DBCP	EPA 524.2	
4585	EDB	EPA 524.2	
5180	1,2,3 Trichloropropane	EPA 524.2	

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## TRIHALOMETHANES

Analyte Number	Analyte	Method	Regulatory Category
4395	Bromodichloromethane	EPA 524.2	THMs
4400	Bromoform	EPA 524.2	THMs
4575	Chlorodibromomethane	EPA 524.2	THMs
4505	Chloroform	EPA 524.2	THMs
5205	Total trihalomethanes	EPA 524.2	THMs

## VOLATILE ORGANICS

Analyte Number	Analyte	Method	Regulatory Category
4375	Benzene	EPA 524.2	VOC
4385	Bromobenzene	EPA 524.2	
4390	Bromochloromethane	EPA 524.2	
4950	Bromomethane	EPA 524.2	
4435	n-Butylbenzene	EPA 524.2	
4440	sec-Butylbenzene	EPA 524.2	
4445	tert-Butylbenzene	EPA 524.2	
4455	Carbon tetrachloride	EPA 524.2	VOC
4475	Chlorobenzene	EPA 524.2	VOC
4485	Chloroethane	EPA 524.2	
4960	Chloromethane	EPA 524.2	
4535	2-Chlorotoluene	EPA 524.2	
4540	4-Chlorotoluene	EPA 524.2	
4595	Dibromomethane	EPA 524.2	
4610	1,2-Dichlorobenzene	EPA 524.2	VOC
4615	1,3-Dichlorobenzene	EPA 524.2	
4620	1,4-Dichlorobenzene	EPA 524.2	VOC
4625	Dichlorodifluoromethane	EPA 524.2	

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Analyte Number	Analyte	Method	Regulatory Category
4630	1,1-Dichloroethane	EPA 524.2	
4635	1,2-Dichloroethane	EPA 524.2	VOC
4645	c-1,2-Dichloroethene	EPA 524.2	VOC
4700	t 1,2-Dichloroethylene	EPA 524.2	VOC
4640	1,1-Dichloroethylene	EPA 524.2	VOC
4975	Dichloromethane	EPA 524.2	VOC
4655	1,2-Dichloropropane	EPA 524.2	VOC
4660	1,3-Dichloropropane	EPA 524.2	
4665	2,2-Dichloropropane	EPA 524.2	
4670	1,1-Dichloropropene	EPA 524.2	
4680	c 1,3-Dichloropropene	EPA 524.2	
4685	t 1,3-Dichloropropene	EPA 524.2	
4765	Ethylbenzene	EPA 524.2	VOC
4835	Hexachlorobutadiene	EPA 524.2	
4900	Isopropylbenzene	EPA 524.2	
4910	4-Isopropyltoluene	EPA 524.2	
5000	Methyl t-butyl ether (MTBE)	EPA 524.2	
5005	Naphthalene	EPA 524.2	
5090	n-Propylbenzene	EPA 524.2	
5100	Styrene	EPA 524.2	VOC
5105	1,1,1,2-Tetrachloroethane	EPA 524.2	
5110	1,1,2,2-Tetrachloroethane	EPA 524.2	
5115	Tetrachloroethylene	EPA 524.2	VOC
5140	Toluene	EPA 524.2	VOC
5150	1,2,3-Trichlorobenzene	EPA 524.2	
5210	1,2,4-Trichlorobenzene	EPA 524.2	VOC
5160	1,1,1-Trichloroethane	EPA 524.2	VOC
5165	1,1,2-Trichloroethane	EPA 524.2	VOC

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Analyte Number	Analyte	Method	Regulatory Category
5170	Trichloroethylene	EPA 524.2	VOC
5175	Trichlorofluoromethane	EPA 524.2	
5210	1,2,4-Trimethylbenzene	EPA 524.2	
5215	1,3,5-Trimethylbenzene	EPA 524.2	
5235	Vinyl chloride	EPA 524.2	VOC
5260	Xylenes, total	EPA 524.2	VOC

## PERFLUORINATED ANALYTES

Analyte Number	Analyte	Method	Regulatory Category
9490	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 533	PFAS
9490	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 537.1 Rev 2	PFAS
6952	9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	EPA 533	PFAS
6952	9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	EPA 537.1 Rev 2	PFAS
6951	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 533	PFAS
6951	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1 Rev 2	PFAS
4846	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	EPA 537.1 Rev 2	PFAS
9460	Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 533	PFAS
9460	Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1 Rev 2	PFAS
4847	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	EPA 537.1 Rev 2	PFAS
6956	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533	PFAS
6918	Perfluorobutanesulfonic acid (PFBS)	EPA 533	PFAS
6918	Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 Rev 2	PFAS
6915	Perfluorobutanoic acid (PFBA)	EPA 533	PFAS

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Analyte Number	Analyte	Method	Regulatory Category
6948	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	EPA 533	PFAS
6905	Perfluorodecanoic acid (PFDA)	EPA 533	PFAS
6905	Perfluorodecanoic acid (PFDA)	EPA 537.1 Rev 2	PFAS
6903	Perfluorododecanoic acid (PFDoA)	EPA 533	PFAS
6903	Perfluorododecanoic acid (PFDoA)	EPA 537.1 Rev 2	PFAS
6957	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	EPA 533	PFAS
9470	Perfluoroheptanesulfonic acid (PFHpS)	EPA 533	PFAS
6908	Perfluoroheptanoic acid (PFHpA)	EPA 533	PFAS
6908	Perfluoroheptanoic acid (PFHpA)	EPA 537.1 Rev 2	PFAS
6927	Perfluorohexanesulfonic acid (PFHxS)	EPA 533	PFAS
6927	Perfluorohexanesulfonic acid (PFHxS)	EPA 537.1 Rev 2	PFAS
6946	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	EPA 533	PFAS
6913	Perfluorohexanoic acid (PFHxA)	EPA 533	PFAS
6913	Perfluorohexanoic acid (PFHxA)	EPA 537.1 Rev 2	PFAS
6966	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533	PFAS
6965	Perfluoro-3-methoxypropoanoic acid (PFMPA)	EPA 533	PFAS
6906	Perfluorononanoic acid (PFNA)	EPA 533	PFAS
6906	Perfluorononanoic acid (PFNA)	EPA 537.1 Rev 2	PFAS
6931	Perfluorooctanesulfonic acid (PFOS)	EPA 533	PFAS
6931	Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 Rev 2	PFAS
6947	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	EPA 533	PFAS
6912	Perfluorooctanoic acid (PFOA)	EPA 537.1 Rev 2	PFAS
6912	Perfluorooctanoic acid (PFOA)	EPA 533	PFAS
6934	Perfluoropentanesulfonic acid (PFPeS)	EPA 533	PFAS
6914	Perfluoropentanoic acid (PFPeA)	EPA 533	PFAS
6902	Perfluorotetradecanoic acid (PFTA)	EPA 537.1 Rev 2	PFAS

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Analyte Number	Analyte	Method	Regulatory Category
9563	Perfluorotridecanoic acid (PFTTrDA)	EPA 537.1 Rev 2	PFAS
6904	Perfluoroundecanoic acid (PFUnA)	EPA 533	PFAS
6904	Perfluoroundecanoic acid (PFUnA)	EPA 537.1 Rev 2	PFAS

**Ali Boren**  
Digitally signed by Ali Boren  
Date: 2024.12.02 15:49:55 -05'00'

Certification Officer

Vermont Certification is based in part upon current New Hampshire Accreditation Certificate of Approval number 173224-F, October 7, 2024 – January 25, 2025.. Laboratories are certified in Vermont based, in part, upon its Primary Accrediting Body(ies) drinking water accreditation(s). Loss of drinking water primary accreditation (in part or whole) constitutes loss of certification in Vermont for the same drinking water tests.

Regulatory Category	Explanation
BACT (QUAL)	Qualitative (presence/absence) analysis of total coliform bacteria and <i>E. coli</i>
BACT (QUANT, LT2)	Quantitative analysis of total coliform bacteria, <i>E. coli</i> , Cryptosporidium and Giardia
IOC	Inorganic chemicals (ex. metals, nitrate and nitrite)
ASB	Asbestos
HAA5	Haloacetic acids
THMs	Trihalomethanes
VOC	Volatile organic compounds
SOC A	Synthetic organic chemicals sub-group A (EDB and DCBP)
SOC B	Synthetic organic chemicals sub-group B (Carbamates)
SOC C	Synthetic organic chemicals sub-group C (Herbicides)
SOC D	Synthetic organic chemicals sub-group D (Pesticides, phthalates, PCBs)
PFAS	Per- and polyfluoroalkyl substances
RAD	Radiochemical compounds