

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025  
Issued April 01, 2024

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

**MR. BRYAN VINING**  
**ENTHALPY ANALYTICAL, LLC. - WILMINGTON**  
**2714 EXCHANGE DRIVE**  
**WILMINGTON, NC 28405**

*NY Lab Id No: 12087*

*is hereby APPROVED as an Environmental Laboratory in conformance with the  
National Environmental Laboratory Accreditation Conference Standards (2016) for the category  
ENVIRONMENTAL ANALYSES POTABLE WATER  
All approved analytes are listed below:*

**Perfluorinated Alkyl Acids**

11CL-PF3OUDS	EPA 533 EPA 537.1
4:2FTS	EPA 533
6:2FTS	EPA 533
8:2FTS	EPA 533
9CL-PF3ONS	EPA 533 EPA 537.1
ADONA	EPA 533 EPA 537.1
NETFOSAA	EPA 537.1
NMEFOSAA	EPA 537.1
Nonafluoro-3,6-Dioxaheptanoic Acid	EPA 533
Perflourotridecanoic Acid (PFTRDA)	EPA 537.1
Perfluorodecanoic Acid (PFDA)	EPA 533 EPA 537.1
Perfluoro-3-Methoxypropanoic Acid	EPA 533
Perfluoro-4-Methoxybutanoic Acid	EPA 533
Perfluorobutanesulfonic Acid (PFBS)	EPA 533 EPA 537.1
Perfluorobutanoic Acid (PFBA)	EPA 533
Perfluorododecanoic Acid (PFDOA)	EPA 533 EPA 537.1
Perfluoroheptanesulfonic Acid (PFHPS)	EPA 533
Perfluoroheptanoic Acid (PFHPA)	EPA 533 EPA 537.1
Perfluorohexanesulfonic Acid (PFHXS)	EPA 533 EPA 537.1



**Serial No.: 69314**

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ENVIRONMENTAL ANALYSES POTABLE WATER  
All approved analytes are listed below:*

**Perfluorinated Alkyl Acids**

Perfluorohexanoic Acid (PFHXA)	EPA 533 EPA 537.1
Perfluorononanoic Acid (PFNA)	EPA 533 EPA 537.1
Perfluorooctanesulfonic Acid (PFOS)	EPA 533 EPA 537.1
Perfluorooctanoic Acid (PFOA)	EPA 533 EPA 537.1
Perfluoropentanesulfonic Acid (PFPEs)	EPA 533
Perfluoropentanoic Acid (PFPEA)	EPA 533
Perfluorotetradecanoic Acid (PFTA)	EPA 537.1
Perfluoroundecanoic Acid (PFUNA)	EPA 533 EPA 537.1



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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS  
All approved analytes are listed below:*

**Dioxins and Furans**

- 1,2,3,4,6,7,8,9-Octachlorodibenzofura EPA 23
- 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d EPA 23
- 1,2,3,4,6,7,8-Heptachlorodibenzofurar EPA 23
- 1,2,3,4,6,7,8-Heptachlorodibenzo-p-di EPA 23
- 1,2,3,4,7,8,9-Heptachlorodibenzofurar EPA 23
- 1,2,3,4,7,8-Hexachlorodibenzofuran EPA 23
- 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxi EPA 23
- 1,2,3,6,7,8-Hexachlorodibenzofuran EPA 23
- 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxi EPA 23
- 1,2,3,7,8,9-Hexachlorodibenzofuran EPA 23
- 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi EPA 23
- 1,2,3,7,8-Pentachlorodibenzofuran EPA 23
- 1,2,3,7,8-Pentachlorodibenzo-p-dioxin EPA 23
- 2,3,4,6,7,8-Hexachlorodibenzofuran EPA 23
- 2,3,4,7,8-Pentachlorodibenzofuran EPA 23
- 2,3,7,8-Tetrachlorodibenzofuran EPA 23
- 2,3,7,8-Tetrachlorodibenzo-p-dioxin EPA 23



**Serial No.: 69318**

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ENVIRONMENTAL ANALYSES NON POTABLE WATER  
All approved analytes are listed below:*

**Dioxins and Furans**

- 1,2,3,4,6,7,8,9-Octachlorodibenzofura EPA 8290A  
EPA 1613B
- 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d EPA 8290A  
EPA 1613B
- 1,2,3,4,6,7,8-Heptachlorodibenzofurar EPA 8290A  
EPA 1613B
- 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dii EPA 8290A  
EPA 1613B
- 1,2,3,4,7,8,9-Heptachlorodibenzofurar EPA 8290A  
EPA 1613B
- 1,2,3,4,7,8-Hexachlorodibenzofuran EPA 8290A  
EPA 1613B
- 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxi EPA 8290A  
EPA 1613B
- 1,2,3,6,7,8-Hexachlorodibenzofuran EPA 8290A  
EPA 1613B
- 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxi EPA 8290A  
EPA 1613B
- 1,2,3,7,8,9-Hexachlorodibenzofuran EPA 8290A  
EPA 1613B
- 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi EPA 8290A  
EPA 1613B
- 1,2,3,7,8-Pentachlorodibenzofuran EPA 8290A  
EPA 1613B
- 1,2,3,7,8-Pentachlorodibenzo-p-dioxin EPA 8290A  
EPA 1613B
- 2,3,4,6,7,8-Hexachlorodibenzofuran EPA 8290A



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ENVIRONMENTAL ANALYSES NON POTABLE WATER  
All approved analytes are listed below:*

**Dioxins and Furans**

2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 1613B
2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290A
	EPA 1613B
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290A
	EPA 1613B
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290A
	EPA 1613B



Serial No.: 69315

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Dioxins and Furans**

1,2,3,4,6,7,8,9-Octachlorodibenzofura	EPA 8290A
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d	EPA 8290A
1,2,3,4,6,7,8-Heptachlorodibenzofurar	EPA 8290A
1,2,3,4,6,7,8-Heptachlorodibenzo-p-di	EPA 8290A
1,2,3,4,7,8,9-Heptachlorodibenzofurar	EPA 8290A
1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290A
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxi	EPA 8290A
1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290A
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxi	EPA 8290A
1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290A
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi	EPA 8290A
1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290A
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290A
2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290A
2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290A
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290A
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290A



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**ENVIRONMENTAL ANALYSES NON POTABLE WATER**  
*All approved subcategories and/or analytes are listed below:*

**Perfluorinated Alkyl Acids**

11CL-PF3OUDS	SOP EU-047
4:2FTS	SOP EU-047
6:2FTS	SOP EU-047
8:2FTS	SOP EU-047
9CL-PF3ONS	SOP EU-047
ADONA	SOP EU-047
Hexafluoropropylene Oxide Dimer Acid	SOP EU-047
NETFOSAA	SOP EU-047
NMEFOSAA	SOP EU-047
Nonafluoro-3,6-Dioxaheptanoic Acid	SOP EU-047
Perfluorotridecanoic Acid (PFTRDA)	SOP EU-047
Perfluorodecanoic Acid (PFDA)	SOP EU-047
Perfluoro-3-Methoxypropanoic Acid	SOP EU-047
Perfluoro-4-Methoxybutanoic Acid	SOP EU-047
Perfluorobutanesulfonic Acid (PFBS)	SOP EU-047
Perfluorobutanoic Acid (PFBA)	SOP EU-047
Perfluorododecanoic Acid (PFDOA)	SOP EU-047
Perfluoroheptanesulfonic Acid (PFHPS)	SOP EU-047
Perfluoroheptanoic Acid (PFHPA)	SOP EU-047
Perfluorohexanesulfonic Acid (PFHXS)	SOP EU-047
Perfluorohexanoic Acid (PFHXA)	SOP EU-047
Perfluorononanoic Acid (PFNA)	SOP EU-047
Perfluorooctanesulfonic Acid (PFOS)	SOP EU-047
Perfluorooctanoic Acid (PFOA)	SOP EU-047
Perfluoropentanesulfonic Acid (PFPEs)	SOP EU-047
Perfluoropentanoic Acid (PFPEA)	SOP EU-047
Perfluorotetradecanoic Acid (PFTA)	SOP EU-047



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ENVIRONMENTAL ANALYSES NON POTABLE WATER  
All approved subcategories and/or analytes are listed below:*

**Perfluorinated Alkyl Acids**

Perfluoroundecanoic Acid (PFUNA)	SOP EU-047
PFEESA	SOP EU-047



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