

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES

LABORATORY ACCREDITATION PROGRAM

Certifies That

68-05611

**Enthalpy Analytical LLC (Wilmington NC)
2714 Exchange Drive, Wilmington, NC, 28405**

Having duly met the requirement of
The act of June 29, 2002 (P.L. 596, No. 90)
dealing with Environmental Laboratories Accreditation
(27 Pa. C.S. 4104-4113) and the

National Environmental Laboratory Accreditation Program Standard
is hereby approved as an

Accredited Laboratory

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: **12/31/2021**

Certificate Number: **001**



Annamarie Beach

Annamarie Beach, Chief
Laboratory Accreditation Program
Bureau of Laboratories

Continued accreditation status depends on successful ongoing participation in the program
Certificate not transferable Surrender upon revocation
To be conspicuously displayed at the Laboratory
Not valid unless accompanied by a valid Scope of Accreditation
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania
Customers are urged to verify the laboratory's current accreditation status
PA DEP is a NELAP recognized accreditation body

Attached to Certificate of Accreditation 001-001 expiration date 12/31/2021. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Enthalpy Analytical LLC (Wilmington NC)
2714 Exchange Drive
Wilmington, NC 28405
910-212-5858

DEP Laboratory ID: 68-05611

EPA Lab Code: NC01463

PADWIS ID: 05611

Matrix: Drinking Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 537.1		11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	NELAP	FL	12/08/2020
EPA 537.1		4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NELAP	FL	12/08/2020
EPA 537.1		9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	NELAP	FL	12/08/2020
EPA 537.1		Hexafluoropropylene oxide dimer acid (HFPO-DA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorobutanesulfonic acid (PFBS)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorodecanoic acid (PFDA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorododecanoic acid (PFDoA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluoroheptanoic acid (PFHpA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorohexanesulfonic acid (PFHxS)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorohexanoic acid (PFHxA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorononanoic acid (PFNA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorooctanesulfonic acid (PFOS)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorooctanoic acid (PFOA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorotetradecanoic acid (PFTA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluorotridecanoic acid (PFTTrDA)	NELAP	FL	12/08/2020
EPA 537.1		Perfluoroundecanoic acid (PFUnA)	NELAP	FL	12/08/2020
EPA 537.1		n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NELAP	FL	12/08/2020
EPA 537.1		n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NELAP	FL	12/08/2020

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
SOP (05611) EU047	6	Perfluorobutane sulfonate (PFBS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorohexane sulfonate (PFHxS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorooctane sulfonate (PFOS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	6:2 Fluorotelomersulfonate (6:2FTS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	8:2 Fluorotelomersulfonate (8:2FTS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Fluorotelomer sulfonate (4:2FTS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorobutanoic acid (PFBA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorodecane sulfonate (PFDS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorodecanoic acid (PFDA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorododecanoic acid (PFDoA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoroheptanesulfonic acid (PFHpS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoroheptanoic acid (PFHpA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorohexanoic acid (PFHxA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorononanesulfonate (PFNS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorononanoic acid (PFNA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorooctane sulfonamide (PFOSA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorooctanoic acid (PFOA)	NELAP	LA	12/08/2020

Annmarie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.

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EPA Lab Code: NC01463

PADWIS ID: 05611

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
SOP (05611) EU047	6	Perfluoropentane sulfonic acid (PFPeS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoropentanoic acid (PFPeA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorotetradecanoic acid (PFTA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorotridecanoic acid (PFTrDA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoroundecanoic acid (PFUnA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NELAP	LA	12/08/2020

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
SOP (05611) EU047	6	Perfluorobutane sulfonate (PFBS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorohexane sulfonate (PFHxS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorooctane sulfonate (PFOS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	6:2 Fluorotelomersulfonate (6:2FTS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	8:2 Fluorotelomersulfonate (8:2FTS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Fluorotelomer sulfonate (4:2FTS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorobutanoic acid (PFBA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorodecane sulfonate (PFDS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorodecanoic acid (PFDA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorododecanoic acid (PFDoA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoroheptanesulfonic acid (PFHpS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoroheptanoic acid (PFHpA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoroheptanoic acid (PFHxA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorohexanoic acid (PFHxA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorononanesulfonate (PFNS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorononanoic acid (PFNA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorooctane sulfonamide (PFOSA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorooctanoic acid (PFOA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoropentane sulfonic acid (PFPeS)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoropentanoic acid (PFPeA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorotetradecanoic acid (PFTA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluorotridecanoic acid (PFTrDA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	Perfluoroundecanoic acid (PFUnA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NELAP	LA	12/08/2020
SOP (05611) EU047	6	n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NELAP	LA	12/08/2020

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