

**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**

Pace Analytical Services, LLC -Mansfield MA

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Certificate No. 3117 RECIPROCITY

Expiration Date 9/5/2026

***As of 10/24/2025, this list supersedes all previous lists for this certificate number.**

Customers: Please verify the current accreditation standing with the State.

Field of Accreditation: 105 – Semi-volatile Organic Chemistry of Drinking Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
105.103	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 533	NH
105.103	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 533	NH
105.103	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 533	NH
105.103	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 533	NH
105.103	005	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533	NH
105.103	006	Perfluorobutanoic Acid (PFBA)	EPA 533	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
105.103	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 533	NH
105.103	008	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	EPA 533	NH
105.103	009	Perfluorodecanoic Acid (PFDA)	EPA 533	NH
105.103	010	Perfluorododecanoic Acid (PFDoA)	EPA 533	NH
105.103	011	Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)	EPA 533	NH
105.103	012	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 533	NH
105.103	013	Perfluoroheptanoic Acid (PFHpA)	EPA 533	NH
105.103	014	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	EPA 533	NH
105.103	015	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 533	NH
105.103	016	Perfluorohexanoic Acid (PFHxA)	EPA 533	NH
105.103	017	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533	NH
105.103	018	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533	NH
105.103	019	Perfluorononanoic Acid (PFNA)	EPA 533	NH
105.103	020	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	EPA 533	NH
105.103	021	Perfluorooctane Sulfonic Acid (PFOS)	EPA 533	NH
105.103	022	Perfluorooctanoic Acid (PFOA)	EPA 533	NH
105.103	023	Perfluoropentanoic Acid (PFPeA)	EPA 533	NH
105.103	024	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 533	NH
105.103	025	Perfluoroundecanoic Acid (PFUnDA)	EPA 533	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
105.106	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 537.1	NH
105.106	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 537.1	NH
105.106	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	NH
105.106	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 537.1	NH
105.106	005	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 537.1	NH
105.106	006	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 537.1	NH
105.106	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 537.1	NH
105.106	008	Perfluorodecanoic Acid (PFDA)	EPA 537.1	NH
105.106	009	Perfluorododecanoic Acid (PFDoA)	EPA 537.1	NH
105.106	010	Perfluoroheptanoic Acid (PFHpA)	EPA 537.1	NH
105.106	011	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1	NH
105.106	012	Perfluorohexanoic Acid (PFHxA)	EPA 537.1	NH
105.106	013	Perfluorononanoic Acid (PFNA)	EPA 537.1	NH
105.106	014	Perfluorooctanoic Acid (PFOA)	EPA 537.1	NH
105.106	015	Perfluorooctane Sulfonic Acid (PFOS)	EPA 537.1	NH
105.106	016	Perfluorotetradecanoic Acid (PFTeDA)	EPA 537.1	NH
105.106	017	Perfluorotridecanoic Acid (PFTrDA)	EPA 537.1	NH
105.106	018	Perfluoroundecanoic Acid (PFUnDA)	EPA 537.1	NH

Field of Accreditation: 111 – Semi-volatile Organic Constituents in Non-Potable Water

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
111.265	001	Perfluorobutanoic Acid (PFBA)	EPA 1633	NH
111.265	002	Perfluoropentanoic Acid (PFPeA)	EPA 1633	NH
111.265	003	Perfluorohexanoic Acid (PFHxA)	EPA 1633	NH
111.265	004	Perfluoroheptanoic Acid (PFHpA)	EPA 1633	NH
111.265	005	Perfluorooctanoic Acid (PFOA)	EPA 1633	NH
111.265	006	Perfluorononanoic Acid (PFNA)	EPA 1633	NH
111.265	007	Perfluorodecanoic Acid (PFDA)	EPA 1633	NH
111.265	008	Perfluoroundecanoic Acid (PFUnDA)	EPA 1633	NH
111.265	009	Perfluorododecanoic Acid (PFDoA)	EPA 1633	NH
111.265	010	Perfluorotridecanoic Acid (PFTrDA)	EPA 1633	NH
111.265	011	Perfluorotetradecanoic Acid (PFTeDA)	EPA 1633	NH
111.265	012	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633	NH
111.265	013	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633	NH
111.265	014	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633	NH
111.265	015	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633	NH
111.265	016	Perfluorooctane Sulfonic Acid (PFOS)	EPA 1633	NH
111.265	017	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633	NH
111.265	018	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633	NH
111.265	019	Perfluorododecanesulfonic acid (PFDoS)	EPA 1633	NH
111.265	020	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	EPA 1633	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
111.265	021	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	EPA 1633	NH
111.265	022	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	EPA 1633	NH
111.265	023	Perfluorooctane Sulfonamide (PFOSAm)	EPA 1633	NH
111.265	024	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	EPA 1633	NH
111.265	025	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	EPA 1633	NH
111.265	026	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 1633	NH
111.265	027	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 1633	NH
111.265	028	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	EPA 1633	NH
111.265	029	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	EPA 1633	NH
111.265	030	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 1633	NH
111.265	031	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633	NH
111.265	032	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 1633	NH
111.265	033	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 1633	NH
111.265	034	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633	NH
111.265	035	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 1633	NH
111.265	036	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 1633	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
111.265	037	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	EPA 1633	NH
111.265	038	2H,2H,3H,3H-Perfluorohexanoic Acid (3:3 FTCA)	EPA 1633	NH
111.265	039	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	NH
111.265	040	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	NH

Field of Accreditation: 117 – Semi-volatile Organic Chemistry of Hazardous Waste

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
117.580	001	Perfluorobutanoic Acid (PFBA)	EPA 1633	NH
117.580	002	Perfluoropentanoic Acid (PFPeA)	EPA 1633	NH
117.580	003	Perfluorohexanoic Acid (PFHxA)	EPA 1633	NH
117.580	004	Perfluoroheptanoic Acid (PFHpA)	EPA 1633	NH
117.580	005	Perfluorooctanoic Acid (PFOA)	EPA 1633	NH
117.580	006	Perfluorononanoic Acid (PFNA)	EPA 1633	NH
117.580	007	Perfluorodecanoic Acid (PFDA)	EPA 1633	NH
117.580	008	Perfluoroundecanoic Acid (PFUnDA)	EPA 1633	NH
117.580	009	Perfluorododecanoic Acid (PFDoA)	EPA 1633	NH
117.580	010	Perfluorotridecanoic Acid (PFTrDA)	EPA 1633	NH
117.580	011	Perfluorotetradecanoic Acid (PFTeDA)	EPA 1633	NH
117.580	012	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
117.580	013	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633	NH
117.580	014	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633	NH
117.580	015	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633	NH
117.580	016	Perfluorooctane Sulfonic Acid (PFOS)	EPA 1633	NH
117.580	017	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633	NH
117.580	018	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633	NH
117.580	020	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	EPA 1633	NH
117.580	021	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	EPA 1633	NH
117.580	022	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	EPA 1633	NH
117.580	023	Perfluorooctane Sulfonamide (PFOSAm)	EPA 1633	NH
117.580	024	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	EPA 1633	NH
117.580	025	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	EPA 1633	NH
117.580	026	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 1633	NH
117.580	027	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 1633	NH
117.580	028	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	EPA 1633	NH
117.580	029	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	EPA 1633	NH
117.580	030	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 1633	NH
117.580	031	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
117.580	032	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 1633	NH
117.580	033	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 1633	NH
117.580	034	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633	NH
117.580	035	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 1633	NH
117.580	036	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 1633	NH
117.580	037	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	EPA 1633	NH
117.580	038	2H,2H,3H,3H-Perfluorohexanoic Acid (3:3 FTCA)	EPA 1633	NH
117.580	039	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	NH
117.580	040	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	NH

Field of Accreditation: 133 – Semi-Volatile Organic Chemistry in Hazardous Waste

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
133.390	001	Perfluorobutanoic Acid (PFBA)	EPA 1633	NH
133.390	002	Perfluoropentanoic Acid (PFPeA)	EPA 1633	NH
133.390	003	Perfluorohexanoic Acid (PFHxA)	EPA 1633	NH
133.390	004	Perfluoroheptanoic Acid (PFHpA)	EPA 1633	NH
133.390	005	Perfluorooctanoic Acid (PFOA)	EPA 1633	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
133.390	006	Perfluorononanoic Acid (PFNA)	EPA 1633	NH
133.390	007	Perfluorodecanoic Acid (PFDA)	EPA 1633	NH
133.390	008	Perfluoroundecanoic Acid (PFUnDA)	EPA 1633	NH
133.390	009	Perfluorododecanoic Acid (PFDoA)	EPA 1633	NH
133.390	010	Perfluorotridecanoic Acid (PFTrDA)	EPA 1633	NH
133.390	011	Perfluorotetradecanoic Acid (PFTeDA)	EPA 1633	NH
133.390	012	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633	NH
133.390	013	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633	NH
133.390	014	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633	NH
133.390	015	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633	NH
133.390	016	Perfluorooctane Sulfonic Acid (PFOS)	EPA 1633	NH
133.390	017	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633	NH
133.390	018	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633	NH
133.390	019	Perfluorododecanesulfonic acid (PFDoS)	EPA 1633	NH
133.390	020	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	EPA 1633	NH
133.390	021	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	EPA 1633	NH
133.390	022	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	EPA 1633	NH
133.390	023	Perfluorooctane Sulfonamide (PFOSAm)	EPA 1633	NH
133.390	024	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	EPA 1633	NH
133.390	025	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	EPA 1633	NH
133.390	026	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 1633	NH

Subgroup Code	Analyte Code	Analyte	Method	Primary Accreditation Body
133.390	027	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 1633	NH
133.390	028	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	EPA 1633	NH
133.390	029	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	EPA 1633	NH
133.390	030	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 1633	NH
133.390	031	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633	NH
133.390	032	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 1633	NH
133.390	033	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 1633	NH
133.390	034	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633	NH
133.390	035	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 1633	NH
133.390	036	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 1633	NH
133.390	037	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	EPA 1633	NH
133.390	038	2H,2H,3H,3H-Perfluorohexanoic Acid (3:3 FTCA)	EPA 1633	NH
133.390	039	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	NH
133.390	040	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	NH