



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Pace Analytical – South Carolina

**106 Vantage Point Drive
West Columbia, SC 29172**

Fulfills the requirements of

ISO/IEC 17025:2017

and the

**U.S. Department of Energy (DOE) Consolidated Audit Program
(DOECAP) requirements identified within the DoD/DOE Quality Systems
Manual (DoD/DOE QSM V5.4)**

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 18 November 2025

Certificate Number: L2224.01



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

and

**U.S. Department of Energy (DOE) Consolidated Audit program (DOECAP)
requirements identified within the DoD/DOE Quality Systems Manual
(DoD/DOE QSM V 5.4)**

Pace Analytical – South Carolina

106 Vantage Point Drive
West Columbia, SC 29172

Erin Boyd
803-227-2702

TESTING

Valid to: **November 18, 2025**

Certificate Number: **L2224.01**

Environmental

Non-Potable Water		
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Fluorotelomer sulfonate 8:2 [1H,1H,2H,2H-perfluorodecane sulfonate] (8:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Fluorotelomer sulfonate 4:2 [1H,1H,2H,2H-perfluorohexane sulfonate] (4:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Fluorotelomer sulfonate 6:2 [1H,1H,2H,2H-perfluorooctane sulfonate] (6:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	GenX (HFPO-DA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-butanefulfonate (PFBS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-butanoic acid (PFBA)

Non-Potable Water		
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-decanesulfonate (PFDS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-decanoic acid (PFDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-dodecanoic acid (PFDoA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-heptanesulfonate (PFHpS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-heptanoic acid (PFHpA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-hexanesulfonate (PFHxS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-hexanoic acid (PFHxA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-nonanesulfonate (PFNS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-nonanoic acid (PFNA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonate (PFOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-octanesulfonamide (PFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-octanoic acid (PFOA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-pentanoic acid (PFPeA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-pentansulfonate (PFPeS)

Non-Potable Water		
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-tetradecanoic acid (PFTeDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-tridecanoic acid (PFTrDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-undecanoic acid (PFUDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methylperfluoro-1-octanesulfonamide (MeFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethylperfluoro-1-octanesulfonamide (EtFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-perfluorododecane sulfonate (10:2FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-Ethyl Perfluorooctane sulfonamido ethanol (EtFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-Methyl Perfluorooctane sulfonamido ethanol (MeFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Sodium dodecafluoro-3H-4, 8-dioxanonanoate (NaDONA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9Cl-PF3ONS
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11Cl-PF3OUDS
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanesulfonic acid (PFDOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexadecanoic acid (PFHxDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctadecanoic acid (PFODA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorobutanoic acid (PFBA)

Non-Potable Water		
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanesulfonamide (PFOSA)

Non-Potable Water		
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	EPA Draft Method 1633 Version 2	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA Draft Method 1633 Version 2	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA Draft Method 1633 Version 2	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA Draft Method 1633 Version 2	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	EPA Draft Method 1633 Version 2	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	EPA Draft Method 1633 Version 2	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA Draft Method 1633 Version 2	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA Method 1633	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA Method 1633	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA Method 1633	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA Method 1633	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA Method 1633	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA Method 1633	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA Method 1633	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA Method 1633	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA Method 1633	Perfluorododecanoic acid (PFDoA)



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Non-Potable Water		
LC/MS/MS	EPA Method 1633	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA Method 1633	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA Method 1633	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA Method 1633	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA Method 1633	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA Method 1633	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA Method 1633	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA Method 1633	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	EPA Method 1633	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA Method 1633	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA Method 1633	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	EPA Method 1633	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA Method 1633	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA Method 1633	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA Method 1633	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA Method 1633	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA Method 1633	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA Method 1633	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)
LC/MS/MS	EPA Method 1633	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	EPA Method 1633	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	EPA Method 1633	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA Method 1633	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA Method 1633	Perfluoropropanoic acid (PFPrA)



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Non-Potable Water		
LC/MS/MS	EPA Method 1633	Lithium Bis(trifluoromethane)sulfonimide (HQ-115)
LC/MS/MS	ASTM D8421-22	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	ASTM D8421-22	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	ASTM D8421-22	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	ASTM D8421-22	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	ASTM D8421-22	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	ASTM D8421-22	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	ASTM D8421-22	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	ASTM D8421-22	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	ASTM D8421-22	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	ASTM D8421-22	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	ASTM D8421-22	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	ASTM D8421-22	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	ASTM D8421-22	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	ASTM D8421-22	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	ASTM D8421-22	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	ASTM D8421-22	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	ASTM D8421-22	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	ASTM D8421-22	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	ASTM D8421-22	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	ASTM D8421-22	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	ASTM D8421-22	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	ASTM D8421-22	Perfluorobutanoic acid (PFBA)
LC/MS/MS	ASTM D8421-22	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	ASTM D8421-22	Perfluorodecanoic acid (PFDA)
LC/MS/MS	ASTM D8421-22	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	ASTM D8421-22	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	ASTM D8421-22	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	ASTM D8421-22	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	ASTM D8421-22	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	ASTM D8421-22	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	ASTM D8421-22	Perfluoronanesulfonic acid (PFNS)



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Non-Potable Water		
LC/MS/MS	ASTM D8421-22	Perfluorononanoic acid (PFNA)
LC/MS/MS	ASTM D8421-22	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	ASTM D8421-22	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	ASTM D8421-22	Perfluorooctanoic acid (PFOA)
LC/MS/MS	ASTM D8421-22	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	ASTM D8421-22	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	ASTM D8421-22	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	ASTM D8421-22	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	ASTM D8421-22	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	ASTM D8421-22	Perfluoropropanoic acid (PFPrA)
LC/MS/MS	ASTM D8421-22	Lithium Bis(trifluoromethane)sulfonimide (HQ-115)
LC/MS/MS	ASTM D8421-22	2H-perfluoro-2-octenoic acid (FHUEA)
LC/MS/MS	ASTM D8421-22	2H-perfluoro-2-decenoic acid (FOUEA)
LC/MS/MS	EPA 8327	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	EPA 8327	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA 8327	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA 8327	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA 8327	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	EPA 8327	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA 8327	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA 8327	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA 8327	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA 8327	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA 8327	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA 8327	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA 8327	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	EPA 8327	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	EPA 8327	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA 8327	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA 8327	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA 8327	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	EPA 8327	Perfluoro-3-methoxypropanoic acid (PFMPA)



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Non-Potable Water		
LC/MS/MS	EPA 8327	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA 8327	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA 8327	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA 8327	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA 8327	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA 8327	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA 8327	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA 8327	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA 8327	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA 8327	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA 8327	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA 8327	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	EPA 8327	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 8327	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	EPA 8327	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA 8327	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 8327	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA 8327	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA 8327	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA 8327	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA 8327	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA 8327	Perfluoropropanoic acid (PFPrA)
LC/MS/MS	EPA 8327	Lithium Bis(trifluoromethane)sulfonimide (HQ-115)
LC/MS/MS	EPA 8327	2H-perfluoro-2-octenoic acid (FHUEA)
LC/MS/MS	EPA 8327	2H-perfluoro-2-decenoic acid (FOUEA)
ICP	EPA 6010D	Aluminum
ICP	EPA 6010D	Antimony
ICP	EPA 6010D	Arsenic
ICP	EPA 6010D	Barium
ICP	EPA 6010D	Beryllium
ICP	EPA 6010D	Cadmium
ICP	EPA 6010D	Calcium
ICP	EPA 6010D	Chromium
ICP	EPA 6010D	Cobalt
ICP	EPA 6010D	Copper
ICP	EPA 6010D	Iron
ICP	EPA 6010D	Lead
ICP	EPA 6010D	Magnesium

Non-Potable Water		
ICP	EPA 6010D	Manganese
ICP	EPA 6010D	Molybdenum
ICP	EPA 6010D	Nickel
ICP	EPA 6010D	Potassium
ICP	EPA 6010D	Selenium
ICP	EPA 6010D	Silver
ICP	EPA 6010D	Sodium
ICP	EPA 6010D	Thallium
ICP	EPA 6010D	Tin
ICP	EPA 6010D	Vanadium
ICP	EPA 6010D	Zinc
ICP/MS	EPA 200.8	Aluminum
ICP/MS	EPA 200.8	Antimony
ICP/MS	EPA 200.8	Arsenic
ICP/MS	EPA 200.8	Barium
ICP/MS	EPA 200.8	Beryllium
ICP/MS	EPA 200.8	Boron
ICP/MS	EPA 200.8	Cadmium
ICP/MS	EPA 200.8	Calcium
ICP/MS	EPA 200.8	Chromium
ICP/MS	EPA 200.8	Cobalt
ICP/MS	EPA 200.8	Copper
ICP/MS	EPA 200.8	Iron
ICP/MS	EPA 200.8	Lead
ICP/MS	EPA 200.8	Magnesium
ICP/MS	EPA 200.8	Manganese
ICP/MS	EPA 200.8	Molybdenum
ICP/MS	EPA 200.8	Nickel
ICP/MS	EPA 200.8	Potassium
ICP/MS	EPA 200.8	Selenium
ICP/MS	EPA 200.8	Silver
ICP/MS	EPA 200.8	Sodium
ICP/MS	EPA 200.8	Thallium
ICP/MS	EPA 200.8	Tin
ICP/MS	EPA 200.8	Titanium
ICP/MS	EPA 200.8	Vanadium
ICP/MS	EPA 200.8	Zinc
ICP/MS	EPA 6020B	Aluminum

Non-Potable Water		
ICP/MS	EPA 6020B	Antimony
ICP/MS	EPA 6020B	Arsenic
ICP/MS	EPA 6020B	Barium
ICP/MS	EPA 6020B	Beryllium
ICP/MS	EPA 6020B	Boron
ICP/MS	EPA 6020B	Cadmium
ICP/MS	EPA 6020B	Calcium
ICP/MS	EPA 6020B	Chromium
ICP/MS	EPA 6020B	Cobalt
ICP/MS	EPA 6020B	Copper
ICP/MS	EPA 6020B	Iron
ICP/MS	EPA 6020B	Lead
ICP/MS	EPA 6020B	Magnesium
ICP/MS	EPA 6020B	Manganese
ICP/MS	EPA 6020B	Molybdenum
ICP/MS	EPA 6020B	Nickel
ICP/MS	EPA 6020B	Potassium
ICP/MS	EPA 6020B	Selenium
ICP/MS	EPA 6020B	Silver
ICP/MS	EPA 6020B	Sodium
ICP/MS	EPA 6020B	Thallium
ICP/MS	EPA 6020B	Titanium
ICP/MS	EPA 6020B	Tin
ICP/MS	EPA 6020B	Vanadium
ICP/MS	EPA 6020B	Zinc
CVAA	EPA 1631E	Low Level Mercury
CVAA	EPA 7470A / EPA 245.1	Mercury
Titration	SM 2320B-2011	Alkalinity
Calculation	SM 2320B-2011	Bicarbonate Alkalinity
Calculation	SM 2320B-2011	Carbonate Alkalinity
Calculation	SM 2320B-2011	Hydroxide Alkalinity
Calculation	SM 4500-CO2 D	Carbon Dioxide (CO2)
Photometric	SM 2120F-2011	Color
Photometric	SM 2120B-2011	Platinum Cobalt Color
UV/VIS	SM 3500-Fe B-2011	Ferrous Iron
Titration	SM 4500-S2 F-2011	Sulfide
Wet Oxidation	EPA 9060A	TOC



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Non-Potable Water		
Wet Oxidation	SM 5310C-2014	TOC
Titration	SM 2340C-2011	Total Hardness
Filtration	SM 2540C-2015	Total Dissolved Solids (TDS)
Filtration	SM 2540D-2015	Total Suspended Solids (TSS)
UV/VIS	SM 4500-CN E-2016	Total Cyanide
UV/VIS	EPA 9012B	Total Cyanide
UV/VIS	EPA 9065	Phenolics
UV/VIS	EPA 9066	Phenolics
IC	EPA 9056A	Fluoride
IC	EPA 9056A	Chloride
IC	EPA 9056A	Sulfate
IC	EPA 9056A	Bromide
IC	EPA 9056A	Nitrate
IC	EPA 9056A	Nitrite
IC	EPA 300.0	Fluoride
IC	EPA 300.0	Chloride
IC	EPA 300.0	Sulfate
IC	EPA 300.0	Bromide
IC	EPA 300.0	Nitrate
IC	EPA 300.0	Nitrite
IC	EPA 218.6	Hexavalent chromium
IC	EPA 7199	Hexavalent chromium
UV/VIS	EPA 7196A	Hexavalent chromium
Discrete Analyzer	SM 3500-Cr B-2011	Hexavalent chromium
Pensky-Martens	EPA 1010B	Ignitability
Electrode	EPA 9040C	Corrosivity
Electrode	SM 4500-H B-2011	Corrosivity
Electrode	EPA 120.1	Specific Conductance
Electrode	EPA 180.1	Turbidity
UV/VIS	EPA 353.2	Nitrate
UV/VIS	EPA 353.2	Nitrite
UV/VIS	EPA 353.2	Nitrate-Nitrite
UV/VIS	EPA 365.1	Phosphorus/ Orthophosphate
Gas Diffusion / UV/VIS	EPA 350.1	Ammonia - N
UV/VIS	EPA 351.2	TKN

Non-Potable Water		
Preparation	Method	Type
UV/VIS	SM 5220D-2011	COD
Inorganic Preparation	EPA 3005A	Preparation of Waters by Hotblock
Inorganic Preparation	EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)
Inorganic Metals Preparation	EPA 3010A	Acid Digestion of Aqueous Samples and TCLP/SPLP Extracts for ICP analysis

Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Fluorotelomer sulfonate 8:2 [1H,1H,2H,2H-perfluorodecane sulfonate] (8:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Fluorotelomer sulfonate 4:2 [1H,1H,2H,2H-perfluorohexane sulfonate] (4:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Fluorotelomer sulfonate 6:2 [1H,1H,2H,2H-perfluorooctane sulfonate] (6:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	GenX (HFPO-DA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-butanefulfonate (PFBS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-butanoic acid (PFBA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-decanesulfonate (PFDS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-decanoic acid (PFDA)

Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-dodecanoic acid (PFDoA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-heptanesulfonate (PFHpS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-heptanoic acid (PFHpA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-hexanesulfonate (PFHxS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-hexanoic acid (PFHxA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-nonanesulfonate (PFNS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-nonanoic acid (PFNA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonate (PFOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-octanesulfonamide (PFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-octanoic acid (PFOA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-pentanoic acid (PFPeA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-1-pentanesulfonate (PFPeS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-tetradecanoic acid (PFTeDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-tridecanoic acid (PFTrDA)

Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-n-undecanoic acid (PFUDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methylperfluoro-1-octanesulfonamide (MeFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethylperfluoro-1-octanesulfonamide (EtFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-perfluorododecane sulfonate (10:2FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-Ethyl Perfluorooctane sulfonamido ethanol (EtFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-Methyl Perfluorooctane sulfonamido ethanol (MeFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Sodium dodecafluoro-3H-4, 8-dioxanonanoate (NaDONA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9Cl-PF3ONS
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11Cl-PF3OUDS
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanesulfonic acid (PFDOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexadecanoic acid (PFHxDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctadecanoic acid (PFODA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorohexanoic acid (PFHxA)

Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoronanesulfonic acid (PFNS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamide (NMeFOSA)

Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	EPA Draft Method 1633 Version 2	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA Draft Method 1633 Version 2	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA Draft Method 1633 Version 2	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA Draft Method 1633 Version 2	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	EPA Draft Method 1633 Version 2	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	EPA Draft Method 1633 Version 2	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA Draft Method 1633 Version 2	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA Method 1633	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA Method 1633	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA Method 1633	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA Method 1633	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA Method 1633	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA Method 1633	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA Method 1633	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA Method 1633	Perfluoroundecanoic acid (PFUnA)



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Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	EPA Method 1633	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA Method 1633	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA Method 1633	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA Method 1633	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA Method 1633	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA Method 1633	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA Method 1633	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA Method 1633	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA Method 1633	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	EPA Method 1633	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA Method 1633	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA Method 1633	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	EPA Method 1633	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA Method 1633	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA Method 1633	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA Method 1633	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA Method 1633	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA Method 1633	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA Method 1633	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	EPA Method 1633	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	EPA Method 1633	3-Perfluoropropyl propanoic acid (3:3FTCA)



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Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	EPA Method 1633	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA Method 1633	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA Method 1633	Perfluoropropanoic acid (PFPrA)
LC/MS/MS	EPA Method 1633	Lithium Bis(trifluoromethane)sulfonimide (HQ-115)
LC/MS/MS	ASTM D8535-23	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	ASTM D8535-23	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	ASTM D8535-23	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	ASTM D8535-23	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	ASTM D8535-23	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	ASTM D8535-23	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	ASTM D8535-23	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	ASTM D8535-23	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	ASTM D8535-23	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	ASTM D8535-23	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	ASTM D8535-23	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	ASTM D8535-23	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	ASTM D8535-23	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	ASTM D8535-23	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	ASTM D8535-23	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	ASTM D8535-23	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	ASTM D8535-23	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	ASTM D8535-23	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)
LC/MS/MS	ASTM D8535-23	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	ASTM D8535-23	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	ASTM D8535-23	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	ASTM D8535-23	Perfluorobutanoic acid (PFBA)
LC/MS/MS	ASTM D8535-23	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	ASTM D8535-23	Perfluorodecanoic acid (PFDA)
LC/MS/MS	ASTM D8535-23	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	ASTM D8535-23	Perfluorododecanoic acid (PFDoA)



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Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	ASTM D8535-23	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	ASTM D8535-23	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	ASTM D8535-23	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	ASTM D8535-23	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	ASTM D8535-23	Perfluoronanesulfonic acid (PFNS)
LC/MS/MS	ASTM D8535-23	Perfluorononanoic acid (PFNA)
LC/MS/MS	ASTM D8535-23	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	ASTM D8535-23	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	ASTM D8535-23	Perfluorooctanoic acid (PFOA)
LC/MS/MS	ASTM D8535-23	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	ASTM D8535-23	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	ASTM D8535-23	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	ASTM D8535-23	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	ASTM D8535-23	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	ASTM D8535-23	Perfluoropropanoic acid (PFPrA)
LC/MS/MS	ASTM D8535-23	Lithium Bis(trifluoromethane)sulfonimide (HQ-115)
LC/MS/MS	ASTM D8535-23	2H-perfluoro-2-octenoic acid (FHUEA)
LC/MS/MS	ASTM D8535-23	2H-perfluoro-2-decenoic acid (FOUEA)
LC/MS/MS	EPA 8327	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	EPA 8327	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA 8327	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA 8327	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA 8327	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	EPA 8327	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA 8327	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA 8327	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA 8327	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA 8327	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA 8327	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA 8327	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA 8327	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)

Solid and Chemical Materials		
Technology	Method	Analyte
LC/MS/MS	EPA 8327	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	EPA 8327	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA 8327	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA 8327	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA 8327	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	EPA 8327	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA 8327	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA 8327	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA 8327	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA 8327	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA 8327	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA 8327	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA 8327	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA 8327	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA 8327	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA 8327	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA 8327	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA 8327	Perfluoronanesulfonic acid (PFNS)
LC/MS/MS	EPA 8327	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 8327	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	EPA 8327	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA 8327	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 8327	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA 8327	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA 8327	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA 8327	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA 8327	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA 8327	Perfluoropropanoic acid (PFPrA)
LC/MS/MS	EPA 8327	Lithium Bis(trifluoromethane)sulfonimide (HQ-115)
LC/MS/MS	EPA 8327	2H-perfluoro-2-octenoic acid (FHUEA)
LC/MS/MS	EPA 8327	2H-perfluoro-2-decenoic acid (FOUEA)
ICP	EPA 6010D	Aluminum
ICP	EPA 6010D	Antimony
ICP	EPA 6010D	Arsenic
ICP	EPA 6010D	Barium

Solid and Chemical Materials		
Technology	Method	Analyte
ICP	EPA 6010D	Beryllium
ICP	EPA 6010D	Cadmium
ICP	EPA 6010D	Calcium
ICP	EPA 6010D	Chromium
ICP	EPA 6010D	Cobalt
ICP	EPA 6010D	Copper
ICP	EPA 6010D	Iron
ICP	EPA 6010D	Lead
ICP	EPA 6010D	Magnesium
ICP	EPA 6010D	Manganese
ICP	EPA 6010D	Molybdenum
ICP	EPA 6010D	Nickel
ICP	EPA 6010D	Potassium
ICP	EPA 6010D	Selenium
ICP	EPA 6010D	Silver
ICP	EPA 6010D	Sodium
ICP	EPA 6010D	Thallium
ICP	EPA 6010D	Tin
ICP	EPA 6010D	Vanadium
ICP	EPA 6010D	Zinc
ICP/MS	EPA 6020B	Aluminum
ICP/MS	EPA 6020B	Antimony
ICP/MS	EPA 6020B	Arsenic
ICP/MS	EPA 6020B	Barium
ICP/MS	EPA 6020B	Beryllium
ICP/MS	EPA 6020B	Boron
ICP/MS	EPA 6020B	Cadmium
ICP/MS	EPA 6020B	Calcium
ICP/MS	EPA 6020B	Chromium
ICP/MS	EPA 6020B	Cobalt
ICP/MS	EPA 6020B	Copper
ICP/MS	EPA 6020B	Iron
ICP/MS	EPA 6020B	Lead
ICP/MS	EPA 6020B	Magnesium
ICP/MS	EPA 6020B	Manganese
ICP/MS	EPA 6020B	Molybdenum

Solid and Chemical Materials		
Technology	Method	Analyte
ICP/MS	EPA 6020B	Nickel
ICP/MS	EPA 6020B	Potassium
ICP/MS	EPA 6020B	Selenium
ICP/MS	EPA 6020B	Silver
ICP/MS	EPA 6020B	Sodium
ICP/MS	EPA 6020B	Thallium
ICP/MS	EPA 6020B	Tin
ICP/MS	EPA 6020B	Vanadium
ICP/MS	EPA 6020B	Zinc
CVAA	EPA 7471B	Mercury
Titration	Walkley-Black	TOC
UV/VIS	EPA 9012B	Total Cyanide
IC	EPA 9056A	Bromide
IC	EPA 9056A	Chloride
IC	EPA 9056A	Fluoride
IC	EPA 9056A	Sulfate
IC	EPA 9056A	Nitrate
IC	EPA 9056A	Nitrite
IC	EPA 300.0	Fluoride
IC	EPA 300.0	Chloride
IC	EPA 300.0	Sulfate
IC	EPA 300.0	Bromide
IC	EPA 300.0	Nitrate
IC	EPA 300.0	Nitrite
IC	EPA 7199 / EPA 3060A	Hexavalent chromium
UV/VIS	EPA 7196A EPA 3060A	Hexavalent chromium
Pensky-Martens	EPA 1010B	Ignitability
Electrode	EPA 9045D	Corrosivity
Filtration	EPA 9095B	Paint Filter Test
UV/VIS	EPA 365.1 MOD	Phosphorus
UV/VIS	EPA 353.2 MOD	Nitrate
UV/VIS	EPA 353.2 MOD	Nitrite
UV/VIS	EPA 353.2 MOD	Nitrate-Nitrite
Gas Diffusion / UV/VIS	EPA 350.1	Ammonia - N
UV/VIS	EPA 351.2 MOD	TKN

Solid and Chemical Materials		
Technology	Method	Analyte
Preparation	Method	Type
Inorganic Preparation	EPA 3050B	Preparation of Soils by Hotblock
Inorganic/Organic Preparation	EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)
Inorganic/Organic Preparation	EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)
Inorganic Metals Preparation	EPA 3010A	Acid Digestion of Aqueous Samples and TCLP/SPLP Extracts

AFFF (Aqueous Film Forming Foams) Products		
Technology	Method	Analyte
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoropentanesulfonic acid (PFPeS)

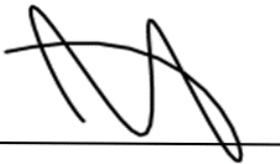
AFFF (Aqueous Film Forming Foams) Products		
Technology	Method	Analyte
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA Draft Method 1633 Version 2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	EPA Draft Method 1633 Version 2	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA Draft Method 1633 Version 2	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA Draft Method 1633 Version 2	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)

AFFF (Aqueous Film Forming Foams) Products		
Technology	Method	Analyte
LC/MS/MS	EPA Draft Method 1633 Version 2	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA Draft Method 1633 Version 2	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	EPA Draft Method 1633 Version 2	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)
LC/MS/MS	EPA Draft Method 1633 Version 2	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	EPA Draft Method 1633 Version 2	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA Draft Method 1633 Version 2	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA Method 1633	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA Method 1633	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA Method 1633	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA Method 1633	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA Method 1633	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA Method 1633	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA Method 1633	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA Method 1633	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA Method 1633	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA Method 1633	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA Method 1633	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA Method 1633	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA Method 1633	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA Method 1633	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA Method 1633	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA Method 1633	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA Method 1633	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	EPA Method 1633	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	EPA Method 1633	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	EPA Method 1633	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	EPA Method 1633	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamide (NMeFOSA)

AFFF (Aqueous Film Forming Foams) Products		
Technology	Method	Analyte
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	EPA Method 1633	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	EPA Method 1633	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	EPA Method 1633	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	EPA Method 1633	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	EPA Method 1633	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA Method 1633	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA Method 1633	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA Method 1633	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA Method 1633	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC/MS/MS	EPA Method 1633	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC/MS/MS	EPA Method 1633	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	EPA Method 1633	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	EPA Method 1633	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	EPA Method 1633	Perfluoropropanoic acid (PFPrA)
LC/MS/MS	EPA Method 1633	Lithium Bis(trifluoromethane)sulfonimide (HQ-115)

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2224.01.



Jason Stine, Vice President