



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

SGS AXYS Analytical Services Ltd.

**2045 Mills Road West
Sidney, B.C., Canada V8L 5X2**

Fulfills the requirements of

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 5.4)**

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: 23 April 2026

Certificate Number: ADE-1861.02



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 5.4)**

SGS AXYS Analytical Services Ltd.

2045 Mills Road West
Sidney, B.C., Canada V8L 5X2
Dale Hoover
(250) 655-5800

TESTING

Valid to: **April 23, 2026**

Certificate Number: **ADE-1861.02**

Environmental

Non-Potable Water		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanesulfonic acid (PFBS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanoic acid (PFBA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanesulfonic acid (PFDS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanoic acid (PFDoA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanesulfonic acid (PFHpS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanesulfonic acid (PFHxS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanoic acid (PFHxA)

Non-Potable Water		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanoic acid (PFNA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonic acid (PFOS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanoic acid (PFOA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanesulfonic acid (PFPeS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanoic acid (PFPeA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroundecanoic acid (PFUnA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotridecanoic acid (PFTrDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotetradecanoic acid (PFTeDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanesulfonic acid) (PFDoS)

Non-Potable Water		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanesulfonate (PFBS, perfluorobutanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanoate (PFBA, perfluorobutanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanesulfonate (PFDS, perfluorodecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanoate (PFDA, perfluorodecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanoate (PFDoA, perfluorododecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanesulfonate (PFHpS, perfluoroheptanesulfonic acid)

Non-Potable Water		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanesulfonate (PFHxS, perfluorohexanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanoate (PFHxA, perfluorohexanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanesulfonate (PFNS, perfluorononanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanoate (PFNA, perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonate (PFOS, perfluorooctanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanoate (PFOA, perfluorooctanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanesulfonate (PFPeS, perfluoropentanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoate (PFPeA, perfluoropentanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorohexane sulfonate (4:2 FTS, 1H,1H,2H,2H-Perfluorohexane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorooctane sulfonate (6:2 FTS, 1H,1H,2H,2H-Perfluorooctane sulfonic acid)

Non-Potable Water		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS, 1H,1H,2H,2H-Perfluorodecane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotridecanoate (PFTrDA, perfluorotridecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanesulfonate (PFDoS, perfluorododecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Hexafluoropropylene oxide dimer acid anion (HFPO-DA, Hexafluoropropylene oxide dimer acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	4,8-dioxa-3H-perfluorononanoate (ADONA, 4,8-dioxa-3H-perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS, 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid)

Non-Potable Water		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS, 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoroheptyl propanoic acid (7:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoropropyl propanoic acid (3:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-4-methoxybutanoic acid (PFMBA)

Solids and Chemical Materials		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanesulfonic acid (PFBS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanoic acid (PFBA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanesulfonic acid (PFDS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanoic acid (PFDoA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanesulfonic acid (PFHpS)

Solids and Chemical Materials		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanesulfonic acid (PFHxS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanoic acid (PFHxA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanoic acid (PFNA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonic acid (PFOS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanoic acid (PFOA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanesulfonic acid (PFPeS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanoic acid (PFPeA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroundecanoic acid (PFUnA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotridecanoic acid (PFTTrDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotetradecanoic acid (PFTeDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamide (NMeFOSA)

Solids and Chemical Materials		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanesulfonic acid (PFDoS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanesulfonate (PFBS, perfluorobutanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanoate (PFBA, perfluorobutanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanesulfonate (PFDS, perfluorodecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanoate (PFDA, perfluorodecanoic acid)

Solids and Chemical Materials		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanoate (PFDoA, perfluorododecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanesulfonate (PFHpS, perfluoroheptanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanesulfonate (PFHxS, perfluorohexanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanoate (PFHxA, perfluorohexanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanesulfonate (PFNS, perfluorononanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanoate (PFNA, perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonate (PFOS, perfluorooctanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanoate (PFOA, perfluorooctanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanesulfonate (PFPeS, perfluoropentanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoate (PFPeA, perfluoropentanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)

Solids and Chemical Materials		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorohexane sulfonate (4:2 FTS, 1H,1H,2H,2H-Perfluorohexane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorooctane sulfonate (6:2 FTS, 1H,1H,2H,2H-Perfluorooctane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS, 1H,1H,2H,2H-Perfluorodecane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotridecanoate (PFTTrDA, perfluorotridecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotetradecanoate (PFTTeDA, perfluorotetradecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanesulfonate (PFDoS, perfluorododecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Hexafluoropropylene oxide dimer acid anion (HFPO-DA, Hexafluoropropylene oxide dimer acid)

Solids and Chemical Materials		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	4,8-dioxa-3H-perfluorononanoate (ADONA, 4,8-dioxa-3H-perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS, 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS, 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoroheptyl propanoic acid (7:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoropropyl propanoic acid (3:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-4-methoxybutanoic acid (PFMBA)

Tissue		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanesulfonic acid (PFBS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanoic acid (PFBA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanesulfonic acid (PFDS)

Tissue		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanoic acid (PFDoA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanesulfonic acid (PFHpS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanesulfonic acid (PFHxS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanoic acid (PFHxA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanoic acid (PFNA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonic acid (PFOS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanoic acid (PFOA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanesulfonic acid (PFPeS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanoic acid (PFPeA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroundecanoic acid (PFUnA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotridecanoic acid (PFTrDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotetradecanoic acid (PFTeDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)

Tissue		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanesulfonic acid) (PFDoS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanesulfonate (PFBS, perfluorobutanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanoate (PFBA, perfluorobutanoic acid)

Tissue		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanesulfonate (PFDS, perfluorodecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanoate (PFDA, perfluorodecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanoate (PFDoA, perfluorododecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanesulfonate (PFHpS, perfluoroheptanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanesulfonate (PFHxS, perfluorohexanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanoate (PFHxA, perfluorohexanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanesulfonate (PFNS, perfluorononanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanoate (PFNA, perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonate (PFOS, perfluorooctanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanoate (PFOA, perfluorooctanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanesulfonate (PFPeS, perfluoropentanesulfonic acid)

Tissue		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoate (PFPeA, perfluoropentanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorohexane sulfonate (4:2 FTS, 1H,1H,2H,2H-Perfluorohexane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorooctane sulfonate (6:2 FTS, 1H,1H,2H,2H-Perfluorooctane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS, 1H,1H,2H,2H-Perfluorodecane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotridecanoate (PFTrDA, perfluorotridecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)

Tissue		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanesulfonate (PFDoS, perfluorododecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Hexafluoropropylene oxide dimer acid anion (HFPO-DA, Hexafluoropropylene oxide dimer acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	4,8-dioxa-3H-perfluorononanoate (ADONA, 4,8-dioxa-3H-perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS, 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS, 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoroheptyl propanoic acid (7:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoropropyl propanoic acid (3:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-4-methoxybutanoic acid (PFMBA)

AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanesulfonic acid (PFBS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorobutanoic acid (PFBA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanesulfonic acid (PFDS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanoic acid (PFDaA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanesulfonic acid (PFHpS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanesulfonic acid (PFHxS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorohexanoic acid (PFHxA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanoic acid (PFNA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonic acid (PFOS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorooctanoic acid (PFOA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanesulfonic acid (PFPeS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoropentanoic acid (PFPeA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroundecanoic acid (PFUnA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)

AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotridecanoic acid (PFTrDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorotetradecanoic acid (PFTeDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorododecanesulfonic acid) (PFDoS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoro-4-methoxybutanoic acid (PFMBA)

AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanesulfonate (PFBS, perfluorobutanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanoate (PFBA, perfluorobutanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanoate (PFDA, perfluorodecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanoate (PFDaA, perfluorododecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanesulfonate (PFHpS, perfluoroheptanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanesulfonate (PFHxS, perfluorohexanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanoate (PFHxA, perfluorohexanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanesulfonate (PFNS, perfluorononanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanoate (PFNA, perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonamide (PFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonate (PFOS, perfluorooctanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanoate (PFOA, perfluorooctanoic acid)

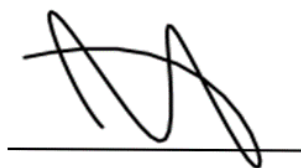
AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanesulfonate (PFPeS, perfluoropentanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoate (PFPeA, perfluoropentanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorohexane sulfonate (4:2 FTS, 1H,1H,2H,2H-Perfluorohexane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorooctane sulfonate (6:2 FTS, 1H,1H,2H,2H-Perfluorooctane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS, 1H,1H,2H,2H-Perfluorodecane sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotridecanoate (PFTrDA, perfluorotridecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanesulfonate (PFDS, perfluorodecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamide (NMeFOSA)

AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanesulfonate (PFDoS, perfluorododecanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Hexafluoropropylene oxide dimer acid anion (HFPO-DA, Hexafluoropropylene oxide dimer acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	4,8-dioxa-3H-perfluorononanoate (ADONA, 4,8-dioxa-3H-perfluorononanoic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS, 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS, 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoroheptyl propanoic acid (7:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	3-Perfluoropropyl propanoic acid (3:3 FTCA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-3-methoxypropanoic acid (PFMPA)

AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoro-4-methoxybutanoic acid (PFMBA)

Notes:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. ADE-1861.02
2. This laboratory is compliant with the HASQARD checklist.



Jason Stine, Vice President

