



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 Defense (DoD) Quality Systems Manual for
Environmental Laboratories (DoD 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: 23 April 2026

Certificate Number: ADE-1861



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 Defense (DoD) Quality Systems Manual for Environmental Laboratories (DoD QSM V5.4)

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

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)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)

Non-Potable Water		
Technology	Method	Analyte
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)
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)

Non-Potable Water		
Technology	Method	Analyte
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 (PFEESA)
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)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanoate (PFHpA, perfluoroheptanoic 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	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)
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)

Non-Potable Water		
Technology	Method	Analyte
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)
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)

Non-Potable Water		
Technology	Method	Analyte
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)

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)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC-MS/MS	SGS AXYS MLA-110	Perfluorohexanesulfonic acid (PFHxS)

Solids and Chemical Materials		
Technology	Method	Analyte
	Draft EPA Method 1633 Rev 4	
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)
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)

Solids and Chemical Materials		
Technology	Method	Analyte
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 (PFEESA)
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 (PFDaA, perfluorododecanoic 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	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)
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)

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-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)
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)

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	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)

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)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC-MS/MS	SGS AXYS MLA-110	Perfluorododecanoic acid (PFDaA)

Tissue		
Technology	Method	Analyte
	Draft EPA Method 1633 Rev 4	
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 Re 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 Re 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 Re 4	Perfluorotetradecanoic acid (PFTeDA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Re 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)

Tissue		
Technology	Method	Analyte
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)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanesulfonate (PFDS, perfluorodecanesulfonic acid)

Tissue		
Technology	Method	Analyte
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)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoate (PFPeA, perfluoropentanoic acid)

Tissue		
Technology	Method	Analyte
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)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanesulfonate (PFDoS, perfluorododecanesulfonic acid)

Tissue		
Technology	Method	Analyte
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)
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)

AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
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)
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 DoD AFFF01 Rev 1.0	Perfluorooctanesulfonic acid (PFOS)
LC-MS/MS	SGS AXYS MLA-110 Draft EPA Method 1633 Rev 4 DoD AFFF01 Rev 1.0	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 3	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 (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)
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 (PFEESA)
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 (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)

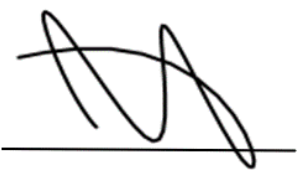
AFFF (Aqueous Film Forming Foam) Products		
Technology	Method	Analyte
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanesulfonate (PFPeS, perfluoropentanesulfonic acid)
LC-MS/MS	SGS AXYS MLA-110 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoate (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.



Jason Stine, Vice President

