

PFAS

有機フッ素化合物 標準品

Per- & Polyfluoroalkyl Substances (PFAS)

2026

新総合カタログ(2021)より、日本国内において話題の標準品をピックアップ致しました。本カタログは有機塩素系農薬 標準品有機フッ素化合物 標準品<Per- & Polyfluoroalkyl Substances (PFAS)>に特化しております。

この2026年版カタログでは、新しく追加された商品に **NEW** マークを付しております。

また、カタログ後半には、PFAS製品に関するクイックリファレンスガイド(日本語版)を掲載しております。
製品ご利用の際の参考資料としてご活用いただけますと幸いです。

『用途確認書』について

『第一種特定化学物質』に指定されている化合物については、製造、輸入、使用は原則として禁止されています。

但し、試験研究用に使用する場合に限り、使用することが出来ます。

『化学物質の審査及び製造等の規制に関する法律(略称:化審法)』に指定されている第一種特定化学物質に該当する本カタログ掲載製品は、本文中に以下の記号で表示しています。

用 第一種特定化学物質

この為、使用目的等を明記した『用途確認書』を弊社宛に提出頂き次第、販売致します。
巻末に『用途確認書』を 資料として掲載していますので、ご活用ください。

NEW

10種 PFAS 混合標準品



PFBA

PFNA

PFPeA

HFPO-DA

PFHxA

L-PFBS

PFHpA

L-PFHxS

PFOA

L-PFOS

環境省通知 水環境向け「水環境中の要調査項目」、水道水質向け「水道水質中の要検討項目」においてPFAS類10種類の物質に対する測定に関する指針が定められました。これらに準じた新たな Wellington Laboratories Inc. 製混合標準品を新発売致します。

Catalogue Number	Product (methanol solution)	Qty/Conc
PFAC-MXK	Native PFCA, PFSA and HFPO-DA (GenX) Solution/Mixture	1.2 mL → P.13
MPFAC-MXK	Mass-Labelled PFCA,PFSA and HFPO-DA (GenX) Solution/Mixture	1.2 mL → P.15

※国内在庫品



高精度な標準品で確かな分析を

Wellington Laboratories Inc. は高品質な製品の流通、優れた顧客サービスの維持に尽力しており、可能な限り最高のサービスを提供するために、計画、生産、テスト、流通のあらゆる側面をカバーする3つの ISO 認証 (ISO 9001:2015、ISO/IEC 17025:2017、ISO 17034:2016) を取得しています。これにより、ISO 認証を受けた確実な製品で高精度な分析が可能です。

WELLINGTON
LABORATORIES

PFC-CVS-C

Catalogue Number	Product (methanol solution)	Qty/Conc				
用 PFC-CVS-C	PFC-CVS-C Calibration Solutions CS1-CS5	1 kit (5 ampoules)				
用 PFC-C-CS1	CS1	200 µL				
用 PFC-C-CS2	CS2	200 µL				
用 PFC-C-CS3	CS3	200 µL				
用 PFC-C-CS4	CS4	200 µL				
用 PFC-C-CS5	CS5	200 µL				
		PFC-C- CS1 (ng/mL)	PFC-C- CS2 (ng/mL)	PFC-C- CS3 (ng/mL)	PFC-C- CS4 (ng/mL)	PFC-C- CS5 (ng/mL)
NATIVE PFCs						
Perfluoro-n-butanoic acid	PFBA	2.00	10.0	50.0	200	1000
Perfluoro-n-pentanoic acid	PFPeA	2.00	10.0	50.0	200	1000
Perfluoro-n-hexanoic acid	PFHxA	2.00	10.0	50.0	200	1000
Perfluoro-n-heptanoic acid	PFHpA	2.00	10.0	50.0	200	1000
Perfluoro-n-octanoic acid	PFOA	2.00	10.0	50.0	200	1000
Perfluoro-n-nonanoic acid	PFNA	2.00	10.0	50.0	200	1000
Perfluoro-n-decanoic acid	PFDA	2.00	10.0	50.0	200	1000
Perfluoro-n-undecanoic acid	PFUdA	2.00	10.0	50.0	200	1000
Perfluoro-n-dodecanoic acid	PFDoA	2.00	10.0	50.0	200	1000
Perfluoro-n-tridecanoic acid	PFTdA	2.00	10.0	50.0	200	1000
Perfluoro-n-tetradecanoic acid	PFTeDA	2.00	10.0	50.0	200	1000
Perfluoro-n-hexadecanoic acid	PFHxDA	2.00	10.0	50.0	200	1000
Perfluoro-n-octadecanoic acid	PFODA	2.00	10.0	50.0	200	1000
Potassium perfluoro-1-butanedisulfonate	L-PFBS	2.00	10.0	50.0	200	1000
Sodium perfluoro-1-pentadisulfonate	L-PFPeS	2.00	10.0	50.0	200	1000
Sodium perfluoro-1-hexadisulfonate	L-PFHxS	2.00	10.0	50.0	200	1000
Sodium perfluoro-1-heptadisulfonate	L-PFHpS	2.00	10.0	50.0	200	1000
Sodium perfluoro-1-octadisulfonate	L-PFOS	2.00	10.0	50.0	200	1000
Sodium perfluoro-1-nonadisulfonate	L-PFNS	2.00	10.0	50.0	200	1000
Sodium perfluoro-1-decadisulfonate	L-PFDS	2.00	10.0	50.0	200	1000
Sodium perfluoro-1-dodecadisulfonate	L-PFDoS	2.00	10.0	50.0	200	1000
MASS-LABELLED PFC EXTRACTION STANDARDS						
Perfluoro-n-(¹³ C ₄)butanoic acid	MPFBA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(¹³ C ₅)pentanoic acid	M5PFPeA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2,3,4,6- ¹³ C ₆)hexanoic acid	M5PFHxA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2,3,4- ¹³ C ₇)heptanoic acid	M4PFHpA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(¹³ C ₉)nonanoic acid	M9PFNA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2,3,4,5,6- ¹³ C ₆)decanoic acid	M6PFDA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2,3,4,5,6,7- ¹³ C ₇)undecanoic acid	M7PFUdA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid	MPFDoA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2- ¹³ C ₂)tetradecanoic acid	M2PFTeDA	50.0	50.0	50.0	50.0	50.0
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanedisulfonate	M3PFBS	50.0	50.0	50.0	50.0	50.0
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanedisulfonate	M3PFHxS	50.0	50.0	50.0	50.0	50.0
Sodium perfluoro-1-(¹³ C ₈)octanedisulfonate	M8PFOS	50.0	50.0	50.0	50.0	50.0
MASS-LABELLED PFC INJECTION STANDARDS						
Perfluoro-n-(2,3,4- ¹³ C ₃)butanoic acid	M3PFBA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2- ¹³ C ₂)octanoic acid	M2PFOA	50.0	50.0	50.0	50.0	50.0
Perfluoro-n-(1,2- ¹³ C ₂)decanoic acid	MPFDA	50.0	50.0	50.0	50.0	50.0
Sodium perfluoro-1-(1,2,3,4- ¹³ C ₄)octanedisulfonate	MPFOS	50.0	50.0	50.0	50.0	50.0

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

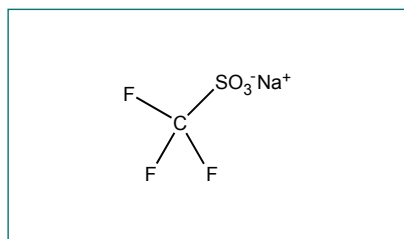
Catalogue Number		Product (methanol solution)		Qty/Conc
用	MPFAC-C-ES	Mass-Labelled PFAS Extraction Standards Solution		1.2 mL
用	MPFAC-C-IS	Mass-Labelled PFAS Injection Standards Solution		1.2 mL
用	PFAC-MXC	Native PFAS Stock Solution		1.2 mL
		MPFAC-C-ES (ng/mL)	MPFAC-C-IS (ng/mL)	PFAC-MXC (ng/mL)
NATIVE PFCs				
Perfluoro-n-butanoic acid	PFBA	—	—	2000
Perfluoro-n-pentanoic acid	PFPeA	—	—	2000
Perfluoro-n-hexanoic acid	PFHxA	—	—	2000
Perfluoro-n-heptanoic acid	PFHpA	—	—	2000
Perfluoro-n-octanoic acid	PFOA	—	—	2000
Perfluoro-n-nonanoic acid	PFNA	—	—	2000
Perfluoro-n-decanoic acid	PFDA	—	—	2000
Perfluoro-n-undecanoic acid	PFUdA	—	—	2000
Perfluoro-n-dodecanoic acid	PFDoA	—	—	2000
Perfluoro-n-tridecanoic acid	PFTrDA	—	—	2000
Perfluoro-n-tetradecanoic acid	PFTeDA	—	—	2000
Perfluoro-n-hexadecanoic acid	PFHxDA	—	—	2000
Perfluoro-n-octadecanoic acid	PFODA	—	—	2000
Potassium perfluoro-1-butanedisulfonate	L-PFBS	—	—	2000
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	—	—	2000
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	—	—	2000
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	—	—	2000
Sodium perfluoro-1-octanesulfonate	L-PFOS	—	—	2000
Sodium perfluoro-1-nonanesulfonate	L-PFNS	—	—	2000
Sodium perfluoro-1-decanedisulfonate	L-PFDS	—	—	2000
Sodium perfluoro-1-dodecanedisulfonate	L-PFDoS	—	—	2000
MASS-LABELLED PFC EXTRACTION STANDARDS				
Perfluoro-n-(¹³ C ₄)butanoic acid	MPFBA	2000	—	—
Perfluoro-n-(¹³ C ₅)pentanoic acid	M5PFPeA	2000	—	—
Perfluoro-n-(1,2,3,4,6- ¹³ C ₆)hexanoic acid	M5PFHxA	2000	—	—
Perfluoro-n-(1,2,3,4- ¹³ C ₇)heptanoic acid	M4PFHpA	2000	—	—
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	2000	—	—
Perfluoro-n-(¹³ C ₉)nonanoic acid	M9PFNA	2000	—	—
Perfluoro-n-(1,2,3,4,5,6- ¹³ C ₁₀)decanoic acid	M6PFDA	2000	—	—
Perfluoro-n-(1,2,3,4,5,6,7- ¹³ C ₁₁)undecanoic acid	M7PFUdA	2000	—	—
Perfluoro-n-(1,2- ¹³ C ₁₂)dodecanoic acid	MPFDoA	2000	—	—
Perfluoro-n-(1,2- ¹³ C ₁₄)tetradecanoic acid	M2PFTeDA	2000	—	—
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanesulfonate	M3PFBS	2000	—	—
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	2000	—	—
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	2000	—	—
MASS-LABELLED PFC INJECTION STANDARDS				
Perfluoro-n-(2,3,4- ¹³ C ₃)butanoic acid	M3PFBA	—	2000	—
Perfluoro-n-(1,2- ¹³ C ₂)octanoic acid	M2PFOA	—	2000	—
Perfluoro-n-(1,2- ¹³ C ₂)decanoic acid	MPFDA	—	2000	—
Sodium perfluoro-1-(1,2,3,4- ¹³ C ₄)octanesulfonate	MPFOS	—	2000	—

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

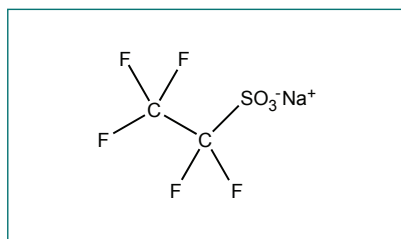
 **第一種特定化学物質**

NATIVE LINEAR PERFLUOROALKANESULFONATES (PFSA)

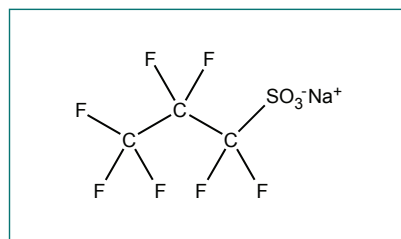
Catalogue Number	Product (methanol solution)	Qty/Conc
PFMeS	Sodium trifluoromethanesulfonate	1.2 mL 50.0 µg/mL
PFEtS	Sodium perfluoroethanesulfonate	1.2 mL 50.0 µg/mL
L-PFPrS	Sodium perfluoro-1-propanesulfonate	1.2 mL 50.0 µg/mL
L-PFBS	Potassium perfluoro-1-butanesulfonate	1.2 mL 50.0 µg/mL
L-PFPeS	Sodium perfluoro-1-pentanesulfonate	1.2 mL 50.0 µg/mL
用 L-PFHxS	Sodium perfluoro-1-hexanesulfonate	1.2 mL 50.0 µg/mL
L-PFHpS	Sodium perfluoro-1-heptanesulfonate	1.2 mL 50.0 µg/mL
用 L-PFOS	Sodium perfluoro-1-octanesulfonate	1.2 mL 50.0 µg/mL
用 L-PFOSK	Potassium perfluoro-1-octanesulfonate	1.2 mL 50.0 µg/mL
L-PFNS	Sodium perfluoro-1-nonanesulfonate	1.2 mL 50.0 µg/mL
L-PFDS	Sodium perfluoro-1-decanesulfonate	1.2 mL 50.0 µg/mL
L-PFUdS	Sodium perfluoro-1-undecanesulfonate	1.2 mL 50.0 µg/mL
L-PFDoS	Sodium perfluoro-1-dodecanesulfonate	1.2 mL 50.0 µg/mL
L-PFTrDS	Sodium perfluoro-1-tridecanesulfonate	1.2 mL 50.0 µg/mL



PFMeS



PFEtS



L-PFPrS

NATIVE PERFLUOROALKANESULFONATES: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 PFS-MXA	Native PFAS Solution/Mixture	1.2 mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2.00 µg/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2.00 µg/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	2.00 µg/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	2.00 µg/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	2.00 µg/mL

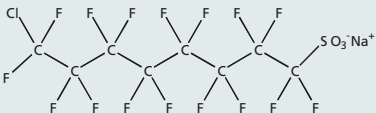
NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

NATIVE PERFLUOROETHYLCYCLOHEXANESULFONATE (PFECHS)

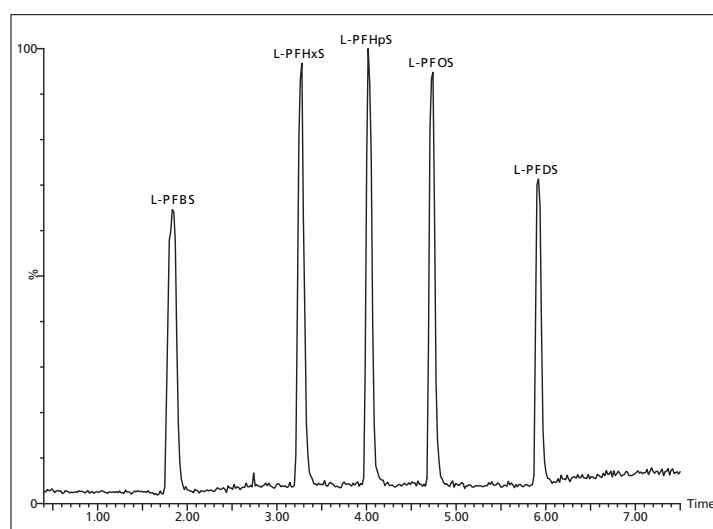
Catalogue Number	Product (methanol solution)	Qty/Conc
PFECHS	Perfluoro-4-ethylcyclohexanesulfonate (isomeric mixture)	1.2 mL 50.0 µg/mL

NATIVE CHLORO-PERFLUOROALKANESULFONATE

Catalogue Number	Product
8Cl-PFOS	 Sodium 8-chloroperfluoro-1-octanesulfonate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol

NATIVE BRANCHED PERFLUOROALKANESULFONATES

Catalogue Number	Product (methanol solution)	Qty/Conc
 br-PFHxSK	L-PFHxS with branched isomers (Potassium Salt)	1.2 mL 50.0 µg/mL
 br-PFOSK	L-PFOSK with branched isomers (Potassium Salt)	1.2 mL 50.0 µg/mL
 T-PFOS	Potassium perfluorooctanesulfonate (Technical Grade)	1.2 mL 50.0 µg/mL
NaP3MHpS	Sodium perfluoro-3-methylheptanesulfonate	1.2 mL 50.0 µg/mL
NaP6MHpS	Sodium perfluoro-6-methylheptanesulfonate	1.2 mL 50.0 µg/mL
ipPFNS	Sodium perfluoro-7-methyloctanesulfonate	1.2 mL 50.0 µg/mL

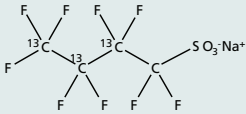
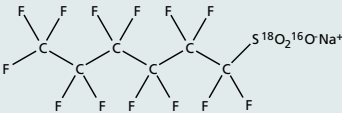
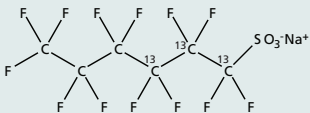
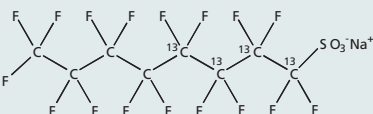
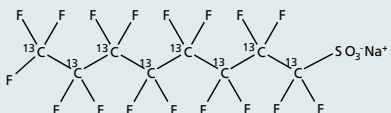


LC/MS Data for PFS-MXA on an Acquity UPLC BEH Shield RP₁₈ column.

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

 第一種特定化学物質

MASS-LABELLED PERFLUOROALKANESULFONATES

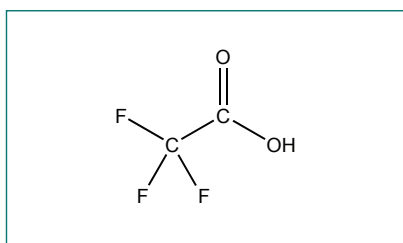
Catalogue Number	Product
M3PFBS	 Sodium perfluoro-1-(2,3,4-¹³C₃)butanesulfonate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 2,3,4-¹³C₃
用 MPFHxS	 Sodium perfluoro-1-hexane(¹⁸O₂)sulfonate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; 94% ¹⁸O₂
用 M3PFHxS	 Sodium perfluoro-1-(1,2,3-¹³C₃)hexanesulfonate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3-¹³C₃
用 MPFOS	 Sodium perfluoro-1-(1,2,3,4-¹³C₄)octanesulfonate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3,4-¹³C₄
用 M8PFOS	 Sodium perfluoro-1-(¹³C₈)octanesulfonate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% ¹³C₈

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

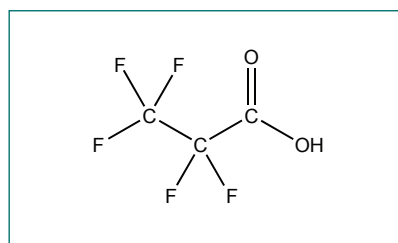
用 第一種特定化学物質

NATIVE LINEAR PERFLUOROALKYLCARBOXYLIC ACIDS (PFCA)

Catalogue Number	Product (methanol solution)	Qty/Conc	
TFA	Trifluoroacetic acid	1.2 mL	50.0 µg/mL
PFPrA	Perfluoropropanoic acid	1.2 mL	50.0 µg/mL
PFBA	Perfluoro-n-butanoic acid	1.2 mL	50.0 µg/mL
PFPeA	Perfluoro-n-pentanoic acid	1.2 mL	50.0 µg/mL
PFHxA	Perfluoro-n-hexanoic acid	1.2 mL	50.0 µg/mL
PFHpA	Perfluoro-n-heptanoic acid	1.2 mL	50.0 µg/mL
用 PFOA	Perfluoro-n-octanoic acid	1.2 mL	50.0 µg/mL
PFNA	Perfluoro-n-nonanoic acid	1.2 mL	50.0 µg/mL
PFDA	Perfluoro-n-decanoic acid	1.2 mL	50.0 µg/mL
PFUdA	Perfluoro-n-undecanoic acid	1.2 mL	50.0 µg/mL
PFDoA	Perfluoro-n-dodecanoic acid	1.2 mL	50.0 µg/mL
PFTTrDA	Perfluoro-n-tridecanoic acid	1.2 mL	50.0 µg/mL
PFTeDA	Perfluoro-n-tetradecanoic acid	1.2 mL	50.0 µg/mL
PFHxDA	Perfluoro-n-hexadecanoic acid	1.2 mL	50.0 µg/mL
PFODA	Perfluoro-n-octadecanoic acid	1.2 mL	50.0 µg/mL



TFA



PFPrA

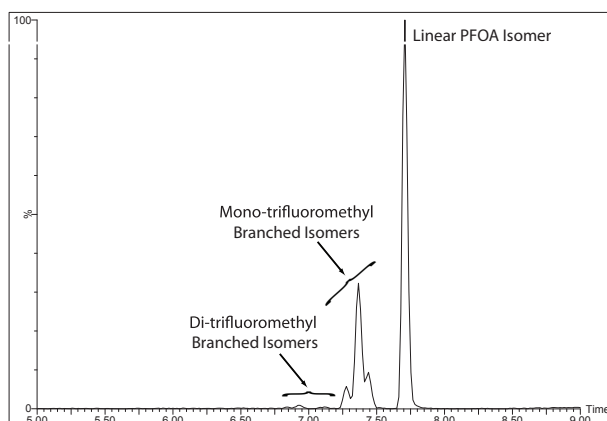
用 第一種特定化学物質

NATIVE PERFLUOROALKYLCARBOXYLIC ACIDS: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 PFC-MXA	Native PFCA Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	2.00 µg/mL
Perfluoro-n-pentanoic acid	PFPeA	2.00 µg/mL
Perfluoro-n-hexanoic acid	PFHxA	2.00 µg/mL
Perfluoro-n-heptanoic acid	PFHpA	2.00 µg/mL
Perfluoro-n-octanoic acid	PFOA	2.00 µg/mL
Perfluoro-n-nonanoic acid	PFNA	2.00 µg/mL
Perfluoro-n-decanoic acid	PFDA	2.00 µg/mL
Perfluoro-n-undecanoic acid	PFUdA	2.00 µg/mL
Perfluoro-n-dodecanoic acid	PFDoA	2.00 µg/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	2.00 µg/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2.00 µg/mL

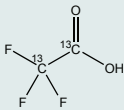
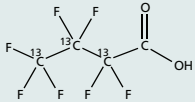
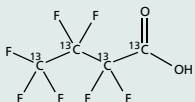
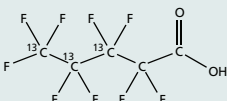
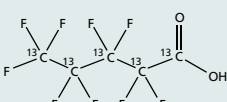
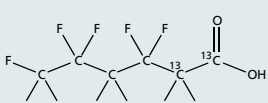
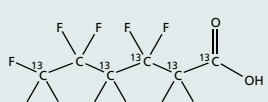
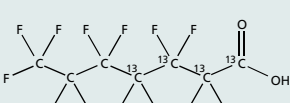
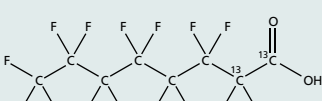
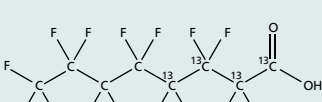
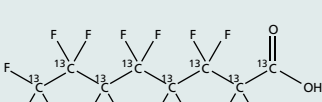
NATIVE BRANCHED PERFLUOROALKYLCARBOXYLIC ACIDS

Catalogue Number	Product (methanol solution)	Qty/Conc
用 br-PFOA	Perfluorooctanoic acid with branched isomers	1.2 mL 50.0 µg/mL
用 T-PFOA	Ammonium perfluorooctanoate (Technical Grade)	1.2 mL 50.0 µg/mL
P3MHpA	Perfluoro-3-methylheptanoic acid	1.2 mL 50.0 µg/mL
br-PFNA	Perfluorononanoic acid with branched isomers	1.2 mL 50.0 µg/mL
P4MOA	Perfluoro-4-methyloctanoic acid	1.2 mL 50.0 µg/mL
ipPFNA	Perfluoro-7-methyloctanoic acid	1.2 mL 50.0 µg/mL
P355TMHxA	Perfluoro-3,5,5-trimethylhexanoic acid	1.2 mL 50.0 µg/mL
P37DMOA	Perfluoro-3,7-dimethyloctanoic acid	1.2 mL 50.0 µg/mL



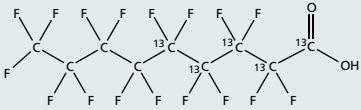
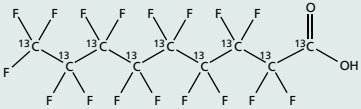
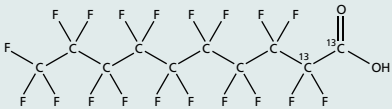
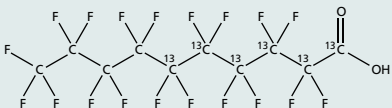
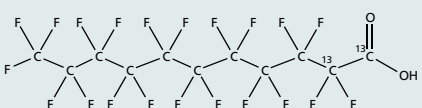
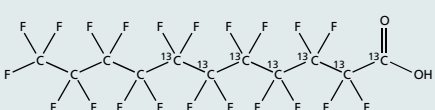
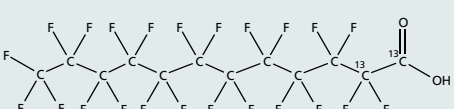
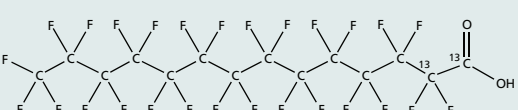
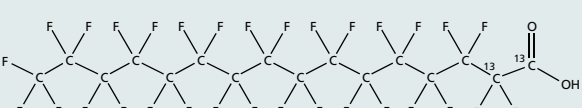
用 第一種特定化学物質

MASS-LABELLED PERFLUOROALKYLCARBOXYLIC ACIDS

Catalogue Number	Product
NEW M2TFA	 Trifluoro(¹³C₂)acetic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% ¹³C₂
M3PFBA	 Perfluoro-n-(2,3,4-¹³C₃)butanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 2,3,4-¹³C₃
MPFBA	 Perfluoro-n-(¹³C₄)butanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% ¹³C₄
M3PFPeA	 Perfluoro-n-(3,4,5-¹³C₃)pentanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 3,4,5-¹³C₃
M5PFPeA	 Perfluoro-n-(¹³C₅)pentanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% ¹³C₅
MPFHxA	 Perfluoro-n-(1,2-¹³C₂)hexanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2-¹³C₂
M5PFHxA	 Perfluoro-n-(1,2,3,4,6-¹³C₅)hexanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3,4,6-¹³C₅
M4PFHpA	 Perfluoro-n-(1,2,3,4-¹³C₄)heptanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3,4-¹³C₄
用 M2PFOA	 Perfluoro-n-(1,2-¹³C₂)octanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2-¹³C₂
用 MPFOA	 Perfluoro-n-(1,2,3,4-¹³C₄)octanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3,4-¹³C₄
用 M8PFOA	 Perfluoro-n-(¹³C₈)octanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >98% ¹³C₈ and 1.0% ¹³C₄

用 第一種特定化学物質

MASS-LABELLED PERFLUOROALKYLCARBOXYLIC ACIDS

Catalogue Number	Product
MPFNA 	Perfluoro-n-(1,2,3,4,5- ¹³ C ₅)nonanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3,4,5- ¹³ C ₅
M9PFNA 	Perfluoro-n-(¹³ C ₉)nonanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% ¹³ C ₉
MPFDA 	Perfluoro-n-(1,2- ¹³ C ₂)decanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2- ¹³ C ₂
M6PFDA 	Perfluoro-n-(1,2,3,4,5,6- ¹³ C ₆)decanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3,4,5,6- ¹³ C ₆
MPFUDa 	Perfluoro-n-(1,2- ¹³ C ₂)undecanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2- ¹³ C ₂
M7PFUDa 	Perfluoro-n-(1,2,3,4,5,6,7- ¹³ C ₇)undecanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2,3,4,5,6,7- ¹³ C ₇
MPFDoA 	Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2- ¹³ C ₂
M2PFTeDA 	Perfluoro-n-(1,2- ¹³ C ₂)tetradecanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2- ¹³ C ₂
M2PFHxDA 	Perfluoro-n-(1,2- ¹³ C ₂)hexadecanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; >99% 1,2- ¹³ C ₂

MIXED NATIVE PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 PFAS-3PAR 在	Native PFAS Precision and Recovery Standard Solution	1.2 mL
Perfluoro-n-octanoic acid	PFOA	2000 ng/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2000 ng/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	2000 ng/mL
用 MPFAS-3ES 在	Mass-Labelled PFAS Extraction Standard Solution	1.2 mL
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	2000 ng/mL
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	2000 ng/mL
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	2000 ng/mL
用 PFAC-MXA	Native PFCA and PFSA Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	5.00 µg/mL
Perfluoro-n-pentanoic acid	PFPeA	5.00 µg/mL
Perfluoro-n-hexanoic acid	PFHxA	5.00 µg/mL
Perfluoro-n-heptanoic acid	PFHpA	5.00 µg/mL
Perfluoro-n-octanoic acid	PFOA	5.00 µg/mL
Perfluoro-n-nonanoic acid	PFNA	5.00 µg/mL
Perfluoro-n-decanoic acid	PFDA	5.00 µg/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	5.00 µg/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	5.00 µg/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	5.00 µg/mL
用 PFAC-MXB	Native PFCA and PFSA Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	2000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	2000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluoro-n-octanoic acid	PFOA	2000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
Perfluoro-n-hexadecanoic acid	PFHxDA	2000 ng/mL
Perfluoro-n-octadecanoic acid	PFODA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2000 ng/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	2000 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

在 …国内在庫品

MIXED NATIVE PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
NEW 用 PFAC-MXE	Native PFCA, PFSA and HFPO-DA (GenX) Solution/Mixture	1.2 mL
	Perfluoro-n-butanoic acid	PFBA 1000 ng/mL
	Perfluoro-n-pentanoic acid	PFPeA 1000 ng/mL
	Perfluoro-n-hexanoic acid	PFHxA 1000 ng/mL
	Perfluoro-n-heptanoic acid	PFHpA 1000 ng/mL
	Perfluoro-n-octanoic acid	PFOA 1000 ng/mL
	Perfluoro-n-nonanoic acid	PFNA 1000 ng/mL
	Perfluoro-n-decanoic acid	PFDA 1000 ng/mL
	Perfluoro-n-undecanoic acid	PFUdA 1000 ng/mL
	Perfluoro-n-dodecanoic acid	PFDoA 1000 ng/mL
	Perfluoro-n-tridecanoic acid	PFTTrDA 1000 ng/mL
	Perfluoro-n-tetradecanoic acid	PFTeDA 1000 ng/mL
	Perfluoro-n-hexadecanoic acid	PFHxDA 1000 ng/mL
	Perfluoro-n-octadecanoic acid	PFODA 1000 ng/mL
	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA 1000 ng/mL
	Potassium perfluoro-1-butanesulfonate	L-PFBS 1000 ng/mL
	Sodium perfluoro-1-pentanesulfonate	L-PFPeS 1000 ng/mL
	Sodium perfluoro-1-hexanesulfonate	L-PFHxS 1000 ng/mL
	Sodium perfluoro-1-heptanesulfonate	L-PFHpS 1000 ng/mL
	Sodium perfluoro-1-octanesulfonate	L-PFOS 1000 ng/mL
	Sodium perfluoro-1-nonanesulfonate	L-PFNS 1000 ng/mL
	Sodium perfluoro-1-decanesulfonate	L-PFDS 1000 ng/mL
	Sodium perfluoro-1-dodecanesulfonate	L-PFDoS 1000 ng/mL
PFAC-MXF	Native Replacement PFAS Solution/Mixture	1.2 mL
	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA 2000 ng/mL
	Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA 2000 ng/mL
	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS 2000 ng/mL
	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS 2000 ng/mL
PFAC-MXG	Native Perfluoroalkyl Ether Carboxylic Acids and Sulfonate Solution/Mixture	1.2 mL
	Perfluoro-4-oxapentanoic acid	PF4OPeA 2000 ng/mL
	Perfluoro-5-oxahexanoic acid	PF5OHxA 2000 ng/mL
	Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA 2000 ng/mL
	Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA 2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

MIXED NATIVE PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 PFAC-MXH	Native PFAS Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	4000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	2000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	1000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	1000 ng/mL
Perfluoro-n-octanoic acid	PFOA	1000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	1000 ng/mL
Perfluoro-n-decanoic acid	PFDA	1000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	1000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	1000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	1000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	1000 ng/mL
Perfluoro-1-octanesulfonamide	FOSA	1000 ng/mL
N-methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	1000 ng/mL
N-ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	1000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	1000 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	1000 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	1000 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	1000 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	1000 ng/mL
Sodium perfluoro-1-nonanesulfonate	L-PFNS	1000 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	1000 ng/mL
Sodium perfluoro-1-dodecanesulfonate	L-PFDoS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	4000 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	4000 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	4000 ng/mL
PFAC-MXI	Native N-Me/EtFOSA & N-Me/EtFOSE Solution/Mixture	1.2 mL
N-methylperfluoro-1-octanesulfonamide	N-MeFOSA	1.00 µg/mL
N-ethylperfluoro-1-octanesulfonamide	N-EtFOSA	1.00 µg/mL
2-(N-methylperfluoro-1-octanesulfonamido)ethanol	N-MeFOSE	10.0 µg/mL
2-(N-ethylperfluoro-1-octanesulfonamido)ethanol	N-EtFOSE	10.0 µg/mL
PFAC-MXJ	Native X:3 Fluorotelomer Carboxylic Acid Solution/Mixture	1.2 mL
3-Perfluoropropyl propanoic acid	FPrPA	4.00 µg/mL
3-Perfluoropentyl propanoic acid	FPePA	20.0 µg/mL
3-Perfluoroheptyl propanoic acid	FHpPA	20.0 µg/mL
NEW 用 PFAC-MXK 在	Native PFCA, PFSA and HFPO-DA (GenX) Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	2000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	2000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluoro-n-octanoic acid	PFOA	2000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	2000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2000 ng/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

在 ……国内在庫品

MIXED MASS-LABELLED PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 MPFAC-HIF-ES	Mass-Labelled PFAS Extraction Standard Solution/Mixture	1.2 mL
Perfluoro-n-(¹³ C ₄)butanoic acid	MPFBA	2000 ng/mL
Perfluoro-n-(¹³ C ₅)pentanoic acid	M5PFPeA	1000 ng/mL
Perfluoro-n-(1,2,3,4,6- ¹³ C ₅)hexanoic acid	M5PFHxA	500 ng/mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)heptanoic acid	M4PFHpA	500 ng/mL
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	500 ng/mL
Perfluoro-n-(¹³ C ₉)nonanoic acid	M9PFNA	250 ng/mL
Perfluoro-n-(1,2,3,4,5,6- ¹³ C ₆)decanoic acid	M6PFDA	250 ng/mL
Perfluoro-n-(1,2,3,4,5,6,7- ¹³ C ₇)undecanoic acid	M7PFUdA	250 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid	MPFDoA	250 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)tetradecanoic acid	M2PFTeDA	250 ng/mL
Perfluoro-1-(¹³ C ₈)octanesulfonamide	M8FOSA	500 ng/mL
N-methyl-d ₃ -perfluoro-1-octanesulfonamide	d-N-MeFOSA	500 ng/mL
N-ethyl-d ₅ -perfluoro-1-octanesulfonamide	d-N-EtFOSA	500 ng/mL
N-methyl-d ₃ -perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	1000 ng/mL
N-ethyl-d ₅ -perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	1000 ng/mL
2-(N-methyl-d ₃ -perfluoro-1-octanesulfonamido)ethan-d ₄ -ol	d7-N-MeFOSE	5000 ng/mL
2-(N-ethyl-d ₅ -perfluoro-1-octanesulfonamido)ethan-d ₄ -ol	d9-N-EtFOSE	5000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)(¹³ C ₃)propanoic acid	M3HFPO-DA	2000 ng/mL
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanesulfonate	M3PFBS	500 ng/mL
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	500 ng/mL
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	500 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)hexanesulfonate	M2-4:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)octanesulfonate	M2-6:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)decanesulfonate	M2-8:2FTS	1000 ng/mL
用 MPFAC-HIF-IS	Mass-Labelled PFAS Injection Standard Solution/Mixture	1.2 mL
Perfluoro-n-(2,3,4- ¹³ C ₃)butanoic acid	M3PFBA	1000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)hexanoic acid	MPFHxA	500 ng/mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)octanoic acid	MPFOA	500 ng/mL
Perfluoro-n-(1,2,3,4,5- ¹³ C ₅)nonanoic acid	MPFNA	250 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)decanoic acid	MPFDA	250 ng/mL
Sodium perfluoro-1-hexane(¹⁸ O ₂)sulfonate	MPFHxS	500 ng/mL
Sodium perfluoro-1-(1,2,3,4- ¹³ C ₄)octanesulfonate	MPFOS	500 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

MIXED MASS-LABELLED PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 MPFAC-MXA	Mass-Labelled PFCA and PFSA Solution/Mixture	1.2 mL
Perfluoro-n-(¹³ C ₄)butanoic acid	MPFBA	2000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)hexanoic acid	MPFHxA	2000 ng/mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)octanoic acid	MPFOA	2000 ng/mL
Perfluoro-n-(1,2,3,4,5- ¹³ C ₅)nonanoic acid	MPFNA	2000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)decanoic acid	MPFDA	2000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)undecanoic acid	MPFUdA	2000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid	MPFDoA	2000 ng/mL
Sodium perfluoro-1-hexane(¹⁸ O ₂)sulfonate	MPFHxS	2000 ng/mL
Sodium perfluoro-1-(1,2,3,4- ¹³ C ₄)octanesulfonate	MPFOS	2000 ng/mL
NEW 用 MPFAC-MXE	Mass-Labelled PFCA, PFSA and HFPO-DA (GenX) Solution/Mixture	1.2 mL
Perfluoro-n-(¹³ C ₄)butanoic acid	MPFBA	1000 ng/mL
Perfluoro-n-(¹³ C ₅)pentanoic acid	M5PFPeA	1000 ng/mL
Perfluoro-n-(1,2,3,4,6- ¹³ C ₅)hexanoic acid	M5PFHxA	1000 ng/mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)heptanoic acid	M4PFHpA	1000 ng/mL
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	1000 ng/mL
Perfluoro-n-(¹³ C ₉)nonanoic acid	M9PFNA	1000 ng/mL
Perfluoro-n-(1,2,3,4,5,6- ¹³ C ₆)decanoic acid	M6PFDA	1000 ng/mL
Perfluoro-n-(1,2,3,4,5,6,7- ¹³ C ₇)undecanoic acid	M7PFUdA	1000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid	MPFDoA	1000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)tetradecanoic acid	M2PFTeDA	1000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)(¹³ C ₃)propanoic acid	M3HFPO-DA	1000 ng/mL
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanesulfonate	M3PFBS	1000 ng/mL
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	1000 ng/mL
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	1000 ng/mL
NEW 用 MPFAC-MXK 在	Mass-Labelled PFCA, PFSA and HFPO-DA (GenX) Solution/Mixture	1.2 mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)butanoic acid	MPFBA	2000 ng/mL
Perfluoro-n-(1,2,3,4,5- ¹³ C ₅)pentanoic acid	M5PFPeA	2000 ng/mL
Perfluoro-n-(1,2,3,4,6- ¹³ C ₅)hexanoic acid	M5PFHxA	2000 ng/mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)heptanoic acid	M4PFHpA	2000 ng/mL
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	2000 ng/mL
Perfluoro-n-(¹³ C ₉)nonanoic acid	M9PFNA	2000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)(¹³ C ₃)propanoic acid	M3HFPO-DA	2000 ng/mL
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanesulfonate	M3PFBS	2000 ng/mL
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	2000 ng/mL
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質
在 …国内在庫品

MIXED MASS-LABELLED PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 EPA-1633STK	EPA Method 1633 Native PFAS Standard Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	1000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	500 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	250 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	250 ng/mL
Perfluorooctanoic acid (linear and branched isomers)	br-PFOA	250 ng/mL
Perfluorononanoic acid (linear and branched isomers)	br-PFNA	250 ng/mL
Perfluoro-n-decanoic acid	PFDA	250 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	250 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	250 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	250 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	250 ng/mL
Perfluorooctanesulfonamide (linear and branched isomers)	br-FOSA	250 ng/mL
N-Methylperfluorooctanesulfonamide (linear and branched isomers)	br-NMeFOSA	250 ng/mL
N-Ethylperfluorooctanesulfonamide (linear and branched isomers)	br-NEtFOSA	250 ng/mL
N-Methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	250 ng/mL
N-Ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	250 ng/mL
2-(N-Methylperfluorooctanesulfonamido)ethanol (linear and branched isomers)	br-NMeFOSE	2500 ng/mL
2-(N-Ethylperfluorooctanesulfonamido)ethanol (linear and branched isomers)	br-NEtFOSE	2500 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	1000 ng/mL
Perfluoro-4-oxapentanoic acid	PF4OPeA	500 ng/mL
Perfluoro-5-oxahexanoic acid	PF5OHxA	500 ng/mL
Perfluoro-3,6-dioxahexanoic acid	3,6-OPFHpA	500 ng/mL
3-Perfluoropropyl propanoic acid	FPrPA	1250 ng/mL
3-Perfluoropentyl propanoic acid	FPePA	6250 ng/mL
3-Perfluoroheptyl propanoic acid	FHpPA	6250 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	250 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	250 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	250 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	250 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	250 ng/mL
Sodium perfluoro-1-nonanesulfonate	L-PFNS	250 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	250 ng/mL
Sodium perfluoro-1-dodecanesulfonate	L-PFDoS	250 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	1000 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	1000 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	1000 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUDS	1000 ng/mL
Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA	500 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

MIXED NATIVE PFAS: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 EU-5813-NSS	5813/20 PFAS Native Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	2000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	2000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluoro-n-octanoic acid	PFOA	2000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTrDA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	2000 ng/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2000 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	2000 ng/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	2000 ng/mL
Sodium perfluoro-1-nonanesulfonate	L-PFNS	2000 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	2000 ng/mL
Sodium perfluoro-1-undecanesulfonate	L-PFUdS	2000 ng/mL
Sodium perfluoro-1-dodecanesulfonate	L-PFDoS	2000 ng/mL
Sodium perfluoro-1-tridecanesulfonate	L-PFTrDS	2000 ng/mL

MIXED NATIVE PFAS: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 PFAC-24PAR	Native PFAS Precision and Recovery Standard Solution	1.2 mL
Perfluoro-n-butanoic acid	PFBA	2000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	2000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluoro-n-octanoic acid	PFOA	2000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
Perfluoro-1-octanesulfonamide	FOSA	2000 ng/mL
N-methylperfluoro-1-octanesulfonamidoacetic acid	N-MeFOSAA	2000 ng/mL
N-ethylperfluoro-1-octanesulfonamidoacetic acid	N-EtFOSAA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	2000 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	2000 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	2000 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	2000 ng/mL
Sodium perfluoro-1-nonanesulfonate	L-PFNS	2000 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

MIXED PFAS: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
NEW 用 FDA-30MX	Native PFAS Solution/Mixture	1.2 mL
Perfluoro-n-butanoic acid	PFBA	1000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	1000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	1000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	1000 ng/mL
Perfluoro-n-octanoic acid	PFOA	1000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	1000 ng/mL
Perfluoro-n-decanoic acid	PFDA	1000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	1000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	1000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	1000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	1000 ng/mL
Perfluoro-1-octanesulfonamide	FOSA	1000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	1000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	1000 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	1000 ng/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	1000 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	1000 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	1000 ng/mL
Sodium perfluoro-1-nonanesulfonate	L-PFNS	1000 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	1000 ng/mL
Sodium perfluoro-1-undecanesulfonate	L-PFUdS	1000 ng/mL
Sodium perfluoro-1-dodecanesulfonate	L-PFDoS	1000 ng/mL
Sodium perfluoro-1-tridecanesulfonate	L-PFTTrDS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorododecanesulfonate	10:2FTS	1000 ng/mL
Sodium rac-dodecafluoro-3H-4,8-dioxanonoate	NaDONA	1000 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	1000 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	1000 ng/mL
NEW 用 FDA-12MPFAS	Mass-Labelled PFAS Solution/Mixture	1.2 mL
Perfluoro-n-(2,3,4- ¹³ C ₃)butanoic acid	M3PFBA	2000 ng/mL
Perfluoro-n-(3,4,5- ¹³ C ₃)pentanoic acid	M3PFPeA	2000 ng/mL
Perfluoro-n-(1,2,3,4,6- ¹³ C ₅)hexanoic acid	M5PFHxA	2000 ng/mL
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	2000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)undecanoic acid	MPFUdA	2000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid	MPFDoA	2000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)tetradecanoic acid	M2PFTeDA	2000 ng/mL
Perfluoro-1-(¹³ C ₈)octanesulfonamide	M8FOSA	2000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)(¹³ C ₃)propanoic acid	M3HFPO-DA	2000 ng/mL
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanesulfonate	M3PFBS	2000 ng/mL
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	2000 ng/mL
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

MIXED MASS-LABELLED PFAS: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 EPA-8327STK	EPA Method 8327 Native PFAS Precision and Recovery Standard Stock	1.2 mL
Perfluoro-n-butanoic acid	PFBA	2000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	2000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluorooctanoic acid (linear and branched isomers)	br-PFOA	2000 ng/mL
Perfluorononanoic acid (linear and branched isomers)	br-PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
Perfluorooctanesulfonamide (linear and branched isomers)	br-FOSA	2000 ng/mL
N-Methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	2000 ng/mL
N-Ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	2000 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	2000 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	2000 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	2000 ng/mL
Sodium perfluoro-1-nonanesulfonate	L-PFNS	2000 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	2000 ng/mL
用 MPFAC-24ES	Mass-Labelled PFAS Extraction Standard Solution	1.2 mL
Perfluoro-n-(¹³ C ₄)butanoic acid	MPFBA	1000 ng/mL
Perfluoro-n-(¹³ C ₅)pentanoic acid	M5PFPeA	1000 ng/mL
Perfluoro-n-(1,2,3,4,6- ¹³ C ₅)hexanoic acid	M5PFHxA	1000 ng/mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)heptanoic acid	M4PFHpA	1000 ng/mL
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	1000 ng/mL
Perfluoro-n-(¹³ C ₉)nonanoic acid	M9PFNA	1000 ng/mL
Perfluoro-n-(1,2,3,4,5,6- ¹³ C ₆)decanoic acid	M6PFDA	1000 ng/mL
Perfluoro-n-(1,2,3,4,5,6,7- ¹³ C ₇)undecanoic acid	M7PFUdA	1000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid	MPFDoA	1000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)tetradecanoic acid	M2PFTeDA	1000 ng/mL
Perfluoro-1-(¹³ C ₈)octanesulfonamide	M8FOSA	1000 ng/mL
N-methyl-d ₃ -perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	1000 ng/mL
N-ethyl-d ₅ -perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	1000 ng/mL
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanesulfonate	M3PFBS	1000 ng/mL
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	1000 ng/mL
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)hexanesulfonate	M2-4:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)octanesulfonate	M2-6:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)decanesulfonate	M2-8:2FTS	1000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

MIXED NATIVE PFAS: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 PFAC30PAR	Native PFAS Precision and Recovery Standard Solution	1.2 mL
Perfluoro-n-butanoic acid	PFBA	1000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	1000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	1000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	1000 ng/mL
Perfluoro-n-octanoic acid	PFOA	1000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	1000 ng/mL
Perfluoro-n-decanoic acid	PFDA	1000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	1000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	1000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	1000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	1000 ng/mL
Perfluoro-1-butanefluoramide	FBSA	1000 ng/mL
Perfluoro-1-hexanesulfonamide	FHxSA	1000 ng/mL
Perfluoro-1-octanesulfonamide	FOSA	1000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	1000 ng/mL
N-methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	1000 ng/mL
N-ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	1000 ng/mL
Potassium perfluoro-1-butanefluoride	L-PFBS	1000 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	1000 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	1000 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	1000 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	1000 ng/mL
Sodium perfluoro-1-nonanesulfonate	L-PFNS	1000 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	1000 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	1000 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	1000 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	1000 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	1000 ng/mL

EPA METHOD 537.1 SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
EPA-537SS-R1	EPA Method 537.1 Surrogate Primary Dilution Standard (SUR PDS)	1.2 mL
Perfluoro-n-(1,2- ¹³ C ₂)hexanoic acid	MPFHxA	1000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)decanoic acid	MPFDA	1000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)(¹³ C ₃)propanoic acid	M3HFPO-DA	1000 ng/mL
N-ethyl-d ₅ -perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	4000 ng/mL
用 EPA-537IS	EPA Method 537.1 Internal Standard Primary Dilution Standard (IS PDS) 1.2 mL	
Perfluoro-n-(1,2- ¹³ C ₂)octanoic acid	M2PFOA	1000 ng/mL
N-methyl-d ₃ -perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	4000 ng/mL
Sodium perfluoro-1-(1,2,3,4- ¹³ C ₄)octanesulfonate	MPFOS	3000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

EPA METHOD 537.1 SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 EPA-537PDS-R1	EPA Method 537.1 Analyte Primary Dilution Standard (branched/linear mix)	1.2 mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluoro-n-octanoic acid	PFOA	2000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	2000 ng/mL
N-methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	2000 ng/mL
N-ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	2000 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	2000 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	2000 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	2000 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	2000 ng/mL
用 EPA-537PDSL-R1	EPA Method 537.1 Analyte Primary Dilution Standard (linear isomers only)	1.2 mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluoro-n-octanoic acid	PFOA	2000 ng/mL
Perfluoro-n-nonanoic acid	PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	2000 ng/mL
N-methylperfluoro-1-octanesulfonamidoacetic acid	N-MeFOSAA	2000 ng/mL
N-ethylperfluoro-1-octanesulfonamidoacetic acid	N-EtFOSAA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2000 ng/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	2000 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	2000 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	2000 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

EPA METHOD 537.1 SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 EPA-537APDS	EPA Method 537.1 Native Analyte Primary Dilution Standard (br/linear mix)	1.2 mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluorooctanoic acid (linear and branched isomers)	br-PFOA	2000 ng/mL
Perfluorononanoic acid (linear and branched isomers)	br-PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	2000 ng/mL
N-Methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	2000 ng/mL
N-Ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	2000 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	2000 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	2000 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	2000 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonoate	NaDONA	2000 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	2000 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	2000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

ISO 21675:2019 SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
 ISO 21675-NSS	ISO 21675:2019 Native Stock Solution	1.2 mL
Perfluoro-n-butanoic acid	PFBA	100 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	100 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	100 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	100 ng/mL
Perfluoro-n-octanoic acid	PFOA	100 ng/mL
Perfluoro-n-nonanoic acid	PFNA	100 ng/mL
Perfluoro-n-decanoic acid	PFDA	100 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	100 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	100 ng/mL
Perfluoro-n-tridecanoic acid	PFTrDA	100 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	100 ng/mL
Perfluoro-n-hexadecanoic acid	PFHxDA	100 ng/mL
Perfluoro-n-octadecanoic acid	PFODA	100 ng/mL
Perfluoro-1-octanesulfonamide	FOSA	100 ng/mL
N-methylperfluoro-1-octanesulfonamide	N-MeFOSA	100 ng/mL
N-ethylperfluoro-1-octanesulfonamide	N-EtFOSA	100 ng/mL
N-methylperfluoro-1-octanesulfonamidoacetic acid	N-MeFOSAA	100 ng/mL
N-ethylperfluoro-1-octanesulfonamidoacetic acid	N-EtFOSAA	100 ng/mL
2H-Perfluoro-2-decenoic acid	FOUEA	100 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	100 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	100 ng/mL
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	100 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	100 ng/mL
Sodium perfluoro-1-octanesulfonate	L-PFOS	100 ng/mL
Sodium perfluoro-1-decanesulfonate	L-PFDS	100 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	100 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	100 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	100 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	100 ng/mL
Sodium bis(1H,1H,2H,2H-perfluorodecyl) phosphate	8:2diPAP	100 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

 **第一種特定化学物質**

ISO 21675:2019 SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 ISO 21675-LSS	ISO 21675:2019 Labelled Stock Solution	1.2 mL
Perfluoro-n-($^{13}\text{C}_4$)butanoic acid	MPFBA	100 ng/mL
Perfluoro-n-($^{13}\text{C}_5$)pentanoic acid	M5PFPeA	100 ng/mL
Perfluoro-n-(1,2,3,4,6- $^{13}\text{C}_5$)hexanoic acid	M5PFHxA	100 ng/mL
Perfluoro-n-(1,2,3,4- $^{13}\text{C}_4$)heptanoic acid	M4PFHpA	100 ng/mL
Perfluoro-n-($^{13}\text{C}_8$)octanoic acid	M8PFOA	100 ng/mL
Perfluoro-n-($^{13}\text{C}_9$)nonanoic acid	M9PFNA	100 ng/mL
Perfluoro-n-(1,2,3,4,5,6- $^{13}\text{C}_6$)decanoic acid	M6PFDA	100 ng/mL
Perfluoro-n-(1,2,3,4,5,6,7- $^{13}\text{C}_7$)undecanoic acid	M7PFUdA	100 ng/mL
Perfluoro-n-(1,2- $^{13}\text{C}_2$)dodecanoic acid	MPFDoA	100 ng/mL
Perfluoro-n-(1,2- $^{13}\text{C}_2$)tetradecanoic acid	M2PFTeDA	100 ng/mL
Perfluoro-n-(1,2- $^{13}\text{C}_2$)hexadecanoic acid	M2PFHxDA	100 ng/mL
Perfluoro-1-($^{13}\text{C}_8$)octanesulfonamide	M8FOSA	100 ng/mL
N-methyl- d_3 -perfluoro-1-octanesulfonamide	d-N-MeFOSA	100 ng/mL
N-ethyl- d_5 -perfluoro-1-octanesulfonamide	d-N-EtFOSA	100 ng/mL
N-methyl- d_3 -perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	100 ng/mL
N-ethyl- d_5 -perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	100 ng/mL
2H-Perfluoro-(1,2- $^{13}\text{C}_2$)-2-decenoic acid	MFOUEA	100 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)($^{13}\text{C}_3$)propanoic acid	M3HFPO-DA	100 ng/mL
Sodium perfluoro-1-(2,3,4- $^{13}\text{C}_3$)butanesulfonate	M3PFBS	100 ng/mL
Sodium perfluoro-1-(1,2,3- $^{13}\text{C}_3$)hexanesulfonate	M3PFHxS	100 ng/mL
Sodium perfluoro-1-($^{13}\text{C}_8$)octanesulfonate	M8PFOS	100 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- $^{13}\text{C}_2$)octanesulfonate	M2-6:2FTS	100 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- $^{13}\text{C}_2$)decanesulfonate	M2-8:2FTS	100 ng/mL
Sodium bis[1H,1H,2H,2H-(1,2- $^{13}\text{C}_2$)perfluorodecyl] phosphate	M4-8:2diPAP	100 ng/mL
用 ISO 21675-LSSA	ISO 21675:2019 Labelled Stock Solution Additional Analytes	1.2 mL
Perfluoro-n-(1,2- $^{13}\text{C}_2$)hexanoic acid	MPFHxA	100 ng/mL
Perfluoro-n-(1,2,3,4- $^{13}\text{C}_4$)octanoic acid	MPFOA	100 ng/mL
Perfluoro-n-(1,2,3,4,5- $^{13}\text{C}_5$)nonanoic acid	MPFNA	100 ng/mL
Perfluoro-n-(1,2- $^{13}\text{C}_2$)decanoic acid	MPFDA	100 ng/mL
Perfluoro-n-(1,2- $^{13}\text{C}_2$)undecanoic acid	MPFUdA	100 ng/mL
Sodium perfluoro-1-hexane($^{18}\text{O}_2$)sulfonate	MPFHxS	100 ng/mL
Sodium perfluoro-1-(1,2,3,4- $^{13}\text{C}_4$)octanesulfonate	MPFOS	100 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

EPA METHOD 533 SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 EPA-533ES	EPA Method 533 Isotope Dilution Standard PDS	1.2 mL
Perfluoro-n-(¹³ C ₄)butanoic acid	MPFBA	500 ng/mL
Perfluoro-n-(¹³ C ₅)pentanoic acid	M5PFPeA	500 ng/mL
Perfluoro-n-(1,2,3,4,6- ¹³ C ₅)hexanoic acid	M5PFHxA	500 ng/mL
Perfluoro-n-(1,2,3,4- ¹³ C ₄)heptanoic acid	M4PFHpA	500 ng/mL
Perfluoro-n-(¹³ C ₈)octanoic acid	M8PFOA	500 ng/mL
Perfluoro-n-(¹³ C ₉)nonanoic acid	M9PFNA	500 ng/mL
Perfluoro-n-(1,2,3,4,5,6- ¹³ C ₆)decanoic acid	M6PFDA	500 ng/mL
Perfluoro-n-(1,2,3,4,5,6,7- ¹³ C ₇)undecanoic acid	M7PFUdA	500 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)dodecanoic acid	MPFDoA	500 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)(¹³ C ₃)propanoic acid	M3HFPO-DA	500 ng/mL
Sodium perfluoro-1-(2,3,4- ¹³ C ₃)butanesulfonate	M3PFBS	500 ng/mL
Sodium perfluoro-1-(1,2,3- ¹³ C ₃)hexanesulfonate	M3PFHxS	500 ng/mL
Sodium perfluoro-1-(¹³ C ₈)octanesulfonate	M8PFOS	500 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)hexanesulfonate	M2-4:2FTS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)octanesulfonate	M2-6:2FTS	2000 ng/mL
Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)decanesulfonate	M2-8:2FTS	2000 ng/mL
用 EPA-533IS	EPA Method 533 Isotope Performance Standard (IS PDS)	1.2 mL
Perfluoro-n-(2,3,4- ¹³ C ₃)butanoic acid	M3PFBA	1000 ng/mL
Perfluoro-n-(1,2- ¹³ C ₂)octanoic acid	M2PFOA	1000 ng/mL
Sodium perfluoro-1-(1,2,3,4- ¹³ C ₄)octanesulfonate	MPFOS	3000 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

EPA METHOD 533 SOLUTION/MIXTURES

Catalogue Number	Product (methanol solution)	Qty/Conc
用 EPA-533PAR	EPA Method 533 Native Analyte Primary Dilution Standard (br/linear mix)	1.2 mL
Perfluoro-n-butanoic acid	PFBA	500 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	500 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	500 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	500 ng/mL
Perfluoro-n-octanoic acid	PFOA	500 ng/mL
Perfluoro-n-nonanoic acid	PFNA	500 ng/mL
Perfluoro-n-decanoic acid	PFDA	500 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	500 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	500 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	500 ng/mL
Perfluoro-4-oxapentanoic acid	PF4OPeA	500 ng/mL
Perfluoro-5-oxahexanoic acid	PF5OHxA	500 ng/mL
Perfluoro-3,6-dioxahexanoic acid	3,6-OPFHpA	500 ng/mL
Potassium perfluoro-1-butanedisulfonate	L-PFBS	500 ng/mL
Sodium perfluoro-1-pentadisulfonate	L-PFPeS	500 ng/mL
Potassium perfluorohexadisulfonate (linear and branched isomers)	br-PFHxSK	500 ng/mL
Sodium perfluoro-1-heptadisulfonate	L-PFHpS	500 ng/mL
Potassium perfluorooctadisulfonate (linear and branched isomers)	br-PFOSK	500 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexadisulfonate	4:2FTS	500 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctadisulfonate	6:2FTS	500 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecadisulfonate	8:2FTS	500 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	500 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	500 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	500 ng/mL
Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA	500 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

EPA METHOD 533 SOLUTION/MIXTURES

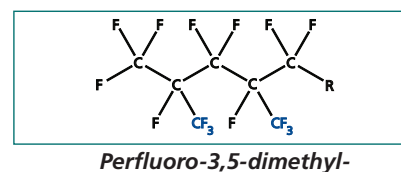
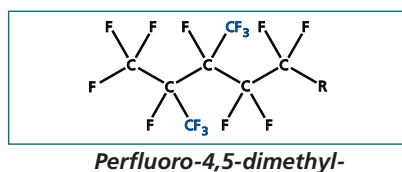
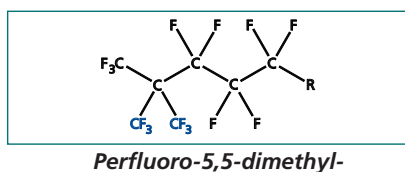
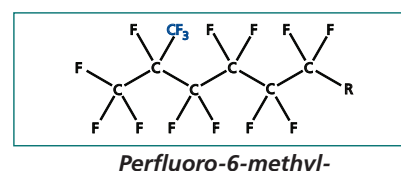
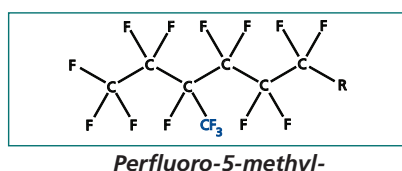
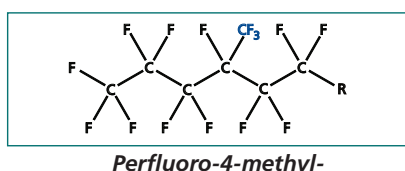
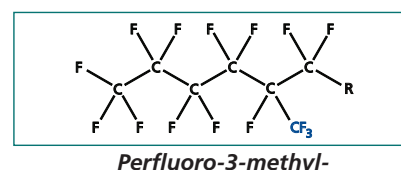
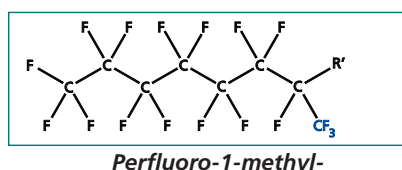
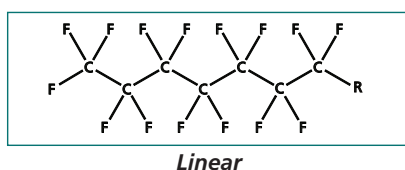
Catalogue Number	Product (methanol solution)	Qty/Conc
用 EPA-533APDS	EPA Method 533 Native Analyte Primary Dilution Standard (br/linear mix)	1.2 mL
Perfluoro-n-butanoic acid	PFBA	500 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	500 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	500 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	500 ng/mL
Perfluorooctanoic acid (linear and branched isomers)	br-PFOA	500 ng/mL
Perfluorononanoic acid (linear and branched isomers)	br-PFNA	500 ng/mL
Perfluoro-n-decanoic acid	PFDA	500 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	500 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	500 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	500 ng/mL
Perfluoro-4-oxapentanoic acid	PF4OPeA	500 ng/mL
Perfluoro-5-oxahexanoic acid	PF5OHxA	500 ng/mL
Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA	500 ng/mL
Potassium perfluoro-1-butanesulfonate	L-PFBS	500 ng/mL
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	500 ng/mL
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	500 ng/mL
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	500 ng/mL
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	500 ng/mL
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	500 ng/mL
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	500 ng/mL
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	500 ng/mL
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	500 ng/mL
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	500 ng/mL
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	500 ng/mL
Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA	500 ng/mL

NOTE: Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

用 第一種特定化学物質

PFOS/PFOA ISOMERS

Catalogue Number	Product (methanol solution)	Qty/Anion Conc	
P3MHpS	Sodium Perfluoro-3-methylheptanesulfonate	200 µL	1.00 µg/mL
	Perfluoro-3-methylheptanoic acid		1.90 µg/mL
P4MHpS	Sodium Perfluoro-4-methylheptanesulfonate	200 µL	1.00 µg/mL
	Perfluoro-4-methylheptanoic acid		2.20 µg/mL
P5MHpS	Sodium Perfluoro-5-methylheptanesulfonate	200 µL	1.00 µg/mL
	Perfluoro-5-methylheptanoic acid		1.96 µg/mL
P6MHpS	Sodium Perfluoro-6-methylheptanesulfonate	200 µL	1.00 µg/mL
	Perfluoro-6-methylheptanoic acid		3.10 µg/mL
P55DMHxS	Sodium Perfluoro-5,5-dimethylhexanesulfonate	200 µL	1.00 µg/mL
	Perfluoro-5,5-dimethylhexanoic acid		1.95 µg/mL
P45DMHxS	Sodium Perfluoro-4,5-dimethylhexanesulfonate	200 µL	1.00 µg/mL
	Perfluoro-4,5-dimethylhexanoic acid		1.22 µg/mL
	Sodium Perfluoro-3,5-dimethylhexanesulfonate		0.50 µg/mL
	Perfluoro-3,5-dimethylhexanoic acid		0.60 µg/mL

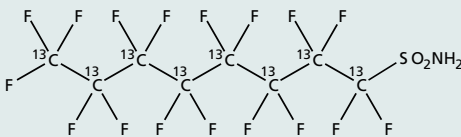
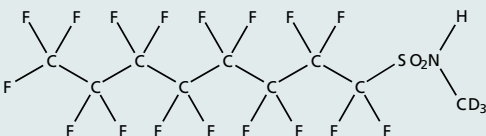
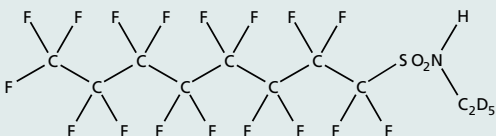


NOTE: R= CO₂⁻ and CF₂SO₃⁻
R'= SO₃⁻ only

NATIVE PERFLUOROALKANESULFONAMIDES (FASA)

Catalogue Number	Product (methanol solution)	Qty/Conc
FBSA-I	Perfluoro-1-butanesulfonamide (in isopropanol)	1.2 mL 50.0 µg/mL
FPeSA-I	Perfluoro-1-pentanesulfonamide (in isopropanol)	1.2 mL 50.0 µg/mL
FHxSA-I	Perfluoro-1-hexanesulfonamide (in isopropanol)	1.2 mL 50.0 µg/mL
FHpSA-I	Perfluoro-1-heptanesulfonamide (in isopropanol)	1.2 mL 50.0 µg/mL
FOSA-I	Perfluoro-1-octanesulfonamide (in isopropanol)	1.2 mL 50.0 µg/mL
br-FOSA	Perfluoro-1-octanesulfonamide isomeric mixture (in isopropanol)	1.2 mL 50.0 µg/mL
FDSA-I	Perfluoro-1-decanesulfonamide (in isopropanol)	1.2 mL 50.0 µg/mL
N-MeFBSA-M	N-methylperfluoro-1-butanesulfonamide	1.2 mL 50.0 µg/mL
N-EtFBSA-M	N-ethylperfluoro-1-butanesulfonamide	1.2 mL 50.0 µg/mL
N-MeFOSA-M	N-methylperfluoro-1-octanesulfonamide	1.2 mL 50.0 µg/mL
br-NMeFOSA	N-methylperfluoro-1-octanesulfonamide isomeric mixture	1.2 mL 50.0 µg/mL
br-NEtFOSA	N-Ethylperfluorooctanesulfonamide Isomeric	1.2 mL 50.0 µg/mL
N,N-Me2FOSA-M	N,N-dimethylperfluoro-1-octanesulfonamide	1.2 mL 50.0 µg/mL
N-EtFOSA-M	N-ethylperfluoro-1-octanesulfonamide	1.2 mL 50.0 µg/mL

MASS-LABELLED PERFLUOROALKANESULFONAMIDES

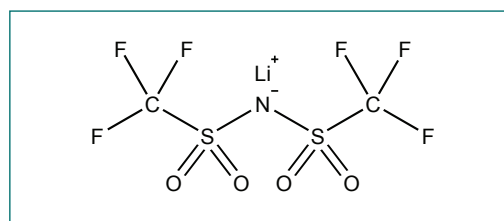
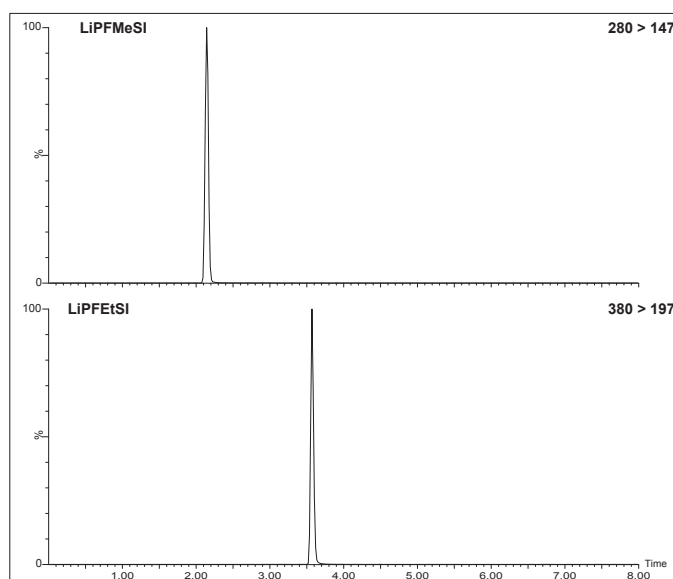
Catalogue Number	Product
M8FOSA-I	 Perfluoro-1-(¹³C₈)octanesulfonamide 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in isopropanol; >99% linear; >99% ¹³C₈
d-N-MeFOSA-M	 N-methyl-d₃-perfluoro-1-octanesulfonamide 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; 98% ²H₃
d-N-EtFOSA-M	 N-ethyl-d₅-perfluoro-1-octanesulfonamide 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; 98% ²H₅

NATIVE PERFLUOROALKANESULFONAMIDOETHANOLS (N-MeFASE and N-EtFASE)

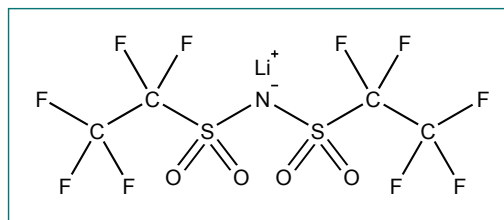
Catalogue Number	Product (methanol solution)	Qty/Conc	
N-MeFBSE-M	2-(N-methylperfluoro-1-butanefluoromethanesulfonamido)ethanol	1.2 mL	50.0 µg/mL
N-EtFBSE-M	2-(N-ethylperfluoro-1-butanefluoromethanesulfonamido)ethanol	1.2 mL	50.0 µg/mL
N-MeFOSE-M	2-(N-methylperfluoro-1-octanesulfonamido)ethanol	1.2 mL	50.0 µg/mL
br-NMeFOSE	2-(N-methylperfluoro-1-octanesulfonamido)ethanol isomeric mixture	1.2 mL	50.0 µg/mL
N-EtFOSE-M	2-(N-ethylperfluoro-1-octanesulfonamido)ethanol	1.2 mL	50.0 µg/mL
br-NEtFOSE	2-(N-ethylperfluoro-1-octanesulfonamido)ethanol isomeric mixture	1.2 mL	50.0 µg/mL

NATIVE LITHIUM BIS(PERFLUOROALKANESULFONYL)IMIDES

Catalogue Number	Product (methanol solution)	Qty/Conc	
LiPFMeSI	Lithium bis(trifluoromethanesulfonyl)imide	1.2 mL	50.0 µg/mL
LiPFtSI	Lithium bis(pentafluoroethanesulfonyl)imide	1.2 mL	50.0 µg/mL



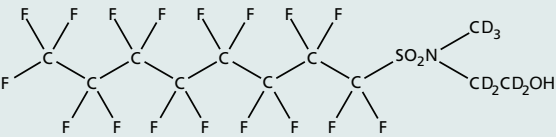
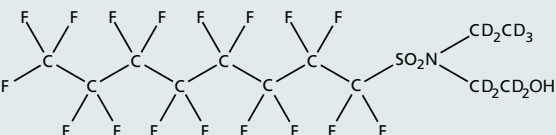
LiPFMeSI



LiPFtSI

NOTE: Listed concentration is reported as the salt.

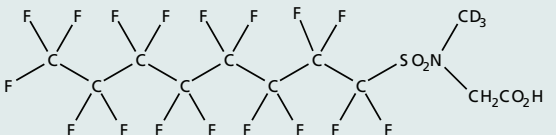
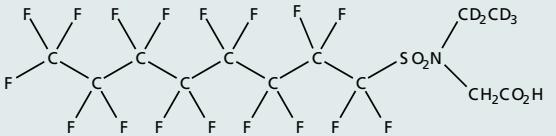
MASS-LABELLED PERFLUOROALKANESULFONAMIDOETHANOLS

Catalogue Number	Product
d7-N-MeFOSE-M 	2-(N-methyl-d ₃ -perfluoro-1-octane-sulfonamido)ethan-d ₄ -ol 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; 98% ² H ₇
d9-N-EtFOSE-M 	2-(N-ethyl-d ₅ -perfluoro-1-octane-sulfonamido)ethan-d ₄ -ol 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; 98% ² H ₉

NATIVE PERFLUOROCTANESULFONAMIDOACETIC ACIDS (FOSAA)

Catalogue Number	Product (methanol solution)	Qty/Conc
FOSAA	Perfluoro-1-octanesulfonamidoacetic acid	1.2 mL 50.0 µg/mL
N-MeFOSAA	N-methylperfluoro-1-octanesulfonamidoacetic acid	1.2 mL 50.0 µg/mL
N-EtFOSAA	N-ethylperfluoro-1-octanesulfonamidoacetic acid	1.2 mL 50.0 µg/mL
br-NMeFOSAA	N-methylperfluorooctanesulfonamidoacetic acid isomeric mix	1.2 mL 50.0 µg/mL
br-NEtFOSAA	N-ethylperfluorooctanesulfonamidoacetic acid isomeric mix	1.2 mL 50.0 µg/mL

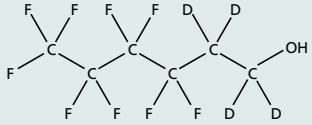
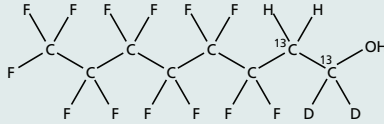
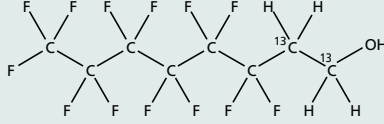
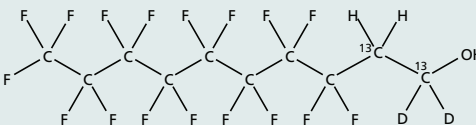
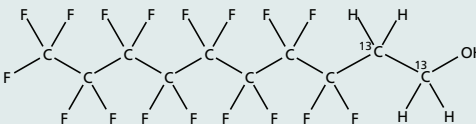
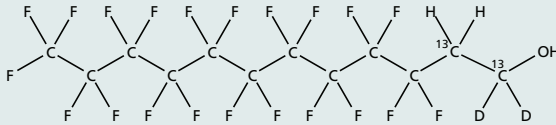
MASS-LABELLED PERFLUOROCTANESULFONAMIDOACETIC ACIDS

Catalogue Number	Product
d3-N-MeFOSAA 	N-methyl-d ₃ -perfluoro-1-octane-sulfonamidoacetic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; 98% ² H ₃
d5-N-EtFOSAA 	N-ethyl-d ₅ -perfluoro-1-octane-sulfonamidoacetic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% linear; 98% ² H ₅

NATIVE FLUOROTELOMER ALCOHOLS (X:2FTOH)

Catalogue Number	Product (methanol solution)	Qty/Conc
FBET	2-Perfluorobutyl ethanol (4:2)	1.2 mL 50.0 µg/mL
5:2sFTOH	1-Perfluoropentyl ethanol (5:2 secondary)	1.2 mL 50.0 µg/mL
FHET	2-Perfluorohexyl ethanol (6:2)	1.2 mL 50.0 µg/mL
7:2sFTOH	1-Perfluoroheptyl ethanol (7:2 secondary)	1.2 mL 50.0 µg/mL
FOET	2-Perfluorooctyl ethanol (8:2)	1.2 mL 50.0 µg/mL
FDET	2-Perfluorodecyl ethanol (10:2)	1.2 mL 50.0 µg/mL

MASS-LABELLED FLUOROTELOMER ALCOHOLS

Catalogue Number	Product
MFBEt 	2-Perfluorobutyl (1,1,2,2- $^2\text{H}_4$)ethanol 1.2 mL; 48.5 µg/mL (± 2.4 µg/mL); in methanol; $\geq 97\%$ 1,1,2,2- $^2\text{H}_4$
MFHEt 	2-Perfluorohexyl (1,1- $^2\text{H}_2$, 1,2- $^{13}\text{C}_2$)ethanol 1.2 mL; 50.0 µg/mL (± 2.5 µg/mL); in methanol; $>98\%$ 1,1- $^2\text{H}_2$, $>99\%$ 1,2- $^{13}\text{C}_2$
M2FHEt 	2-Perfluorohexyl (1,2- $^{13}\text{C}_2$)ethanol 1.2 mL; 50.0 µg/mL (± 2.5 µg/mL); in methanol; $\geq 96\%$ 1,2- $^{13}\text{C}_2$
MFOEt 	2-Perfluorooctyl (1,1- $^2\text{H}_2$, 1,2- $^{13}\text{C}_2$)ethanol 1.2 mL; 50.0 µg/mL (± 2.5 µg/mL); in methanol; $>98\%$ 1,1- $^2\text{H}_2$, $>99\%$ 1,2- $^{13}\text{C}_2$
M2FOEt 	2-Perfluorooctyl (1,2- $^{13}\text{C}_2$)ethanol 1.2 mL; 50.0 µg/mL (± 2.5 µg/mL); in methanol; $>98\%$ 1,2- $^{13}\text{C}_2$
MFDEt 	2-Perfluorodecyl (1,1- $^2\text{H}_2$, 1,2- $^{13}\text{C}_2$)ethanol 1.2 mL; 50.0 µg/mL (± 2.5 µg/mL); in methanol; $>98\%$ 1,1- $^2\text{H}_2$, $>99\%$ 1,2- $^{13}\text{C}_2$

NATIVE FLUOROTELOMER CARBOXYLIC ACIDS (FTCA)

Catalogue Number	Product (isopropanol solution)	Qty/Conc
FHEA	2-Perfluorohexyl ethanoic acid (6:2)	1.2 mL 50.0 µg/mL
FOEA	2-Perfluorooctyl ethanoic acid (8:2)	1.2 mL 50.0 µg/mL
FDEA	2-Perfluorodecyl ethanoic acid (10:2)	1.2 mL 50.0 µg/mL
FPrPA	3-Perfluoropropyl propanoic acid (3:3)	1.2 mL 50.0 µg/mL
FPePA	3-Perfluoropentyl propanoic acid (5:3)	1.2 mL 50.0 µg/mL
NEW FHxPA	3-Perfluorohexyl propanoic acid (6:3)	1.2 mL 50.0 µg/mL
FHpPA	3-Perfluoroheptyl propanoic acid (7:3)	1.2 mL 50.0 µg/mL
NEW FOPA	3-Perfluorooctyl propanoic acid (8:3)	1.2 mL 50.0 µg/mL

NATIVE FLUOROTELOMER CARBOXYLIC ACIDS: SOLUTION/MIXTURE

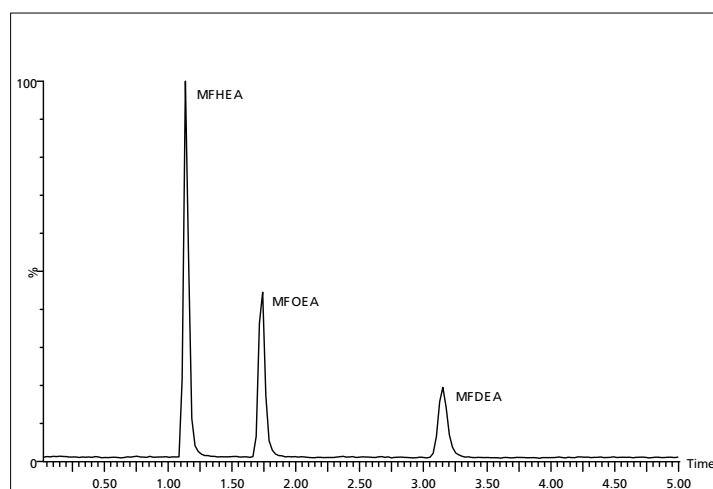
Catalogue Number	Product (isopropanol solution)	Qty/Conc
FTA-MXA	Native FTA Solution/Mixture	1.2 mL
	2-Perfluorohexyl ethanoic acid (6:2)	FHEA 2.00 µg/mL
	2-Perfluorooctyl ethanoic acid (8:2)	FOEA 2.00 µg/mL
	2-Perfluorodecyl ethanoic acid (10:2)	FDEA 2.00 µg/mL

MASS-LABELLED FLUOROTELOMER CARBOXYLIC ACIDS

Catalogue Number	Product
MFHEA	<chem>FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)O</chem> 2-Perfluorohexyl (1,2- ¹³ C ₂)ethanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in isopropanol; >99% ¹³ C ₂
MFOEA	<chem>FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)O</chem> 2-Perfluorooctyl (1,2- ¹³ C ₂)ethanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in isopropanol; >99% ¹³ C ₂
MFDEA	<chem>FC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(=O)O</chem> 2-Perfluorodecyl (1,2- ¹³ C ₂)ethanoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in isopropanol; >99% ¹³ C ₂

MASS-LABELLED FLUOROTELOMER CARBOXYLIC ACIDS: SOLUTION/MIXTURE

Catalogue Number	Product (isopropanol solution)	Qty/Conc
MFTA-MXA	Mass-Labelled FTA Solution/Mixture	1.2 mL
2-Perfluorohexyl (1,2- ¹³ C ₂)ethanoic acid (6:2)	MFHEA	2.00 µg/mL
2-Perfluorooctyl (1,2- ¹³ C ₂)ethanoic acid (8:2)	MFOEA	2.00 µg/mL
2-Perfluorodecyl (1,2- ¹³ C ₂)ethanoic acid (10:2)	MFDEA	2.00 µg/mL

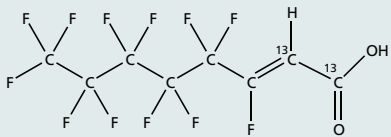
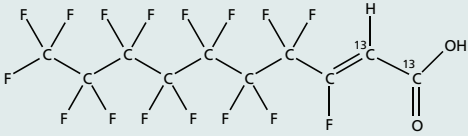
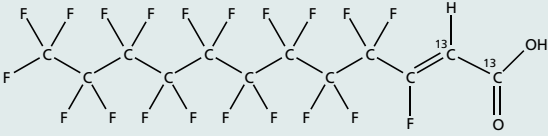


LC/MS Data for MFTA-MXA on an Acquity UPLC BEH Shield RP₁₈ column.

NATIVE FLUOROTELOMER UNSATURATED CARBOXYLIC ACIDS (FTUCA)

Catalogue Number	Product (isopropanol solution)	Qty/Conc
FHUEA	2H-Perfluoro-2-octenoic acid (6:2)	1.2 mL 50.0 µg/mL
FOUEA	2H-Perfluoro-2-decenoic acid (8:2)	1.2 mL 50.0 µg/mL
FDUEA	2H-Perfluoro-2-dodecenoic acid (10:2)	1.2 mL 50.0 µg/mL

MASS-LABELLED FLUOROTELOMER UNSATURATED CARBOXYLIC ACIDS

Catalogue Number	Product
MFHUEA	 2H-Perfluoro-(1,2-¹³C₂)-2-octenoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in isopropanol; >99% ¹³C₂
MFOUEA	 2H-Perfluoro-(1,2-¹³C₂)-2-decenoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in isopropanol; >99% ¹³C₂
MFDUEA	 2H-Perfluoro-(1,2-¹³C₂)-2-dodecenoic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in isopropanol; >99% ¹³C₂

NATIVE CHLOROPERFLUOROALKYL ETHER SULFONATES (CI-PFESA)

Catalogue Number	Product (methanol solution)	Qty/Conc
9CI-PF3ONS	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	1.2 mL 50.0 µg/mL
11CI-PF30UdS	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	1.2 mL 50.0 µg/mL

NOTE: Listed concentration is reported as the salt.

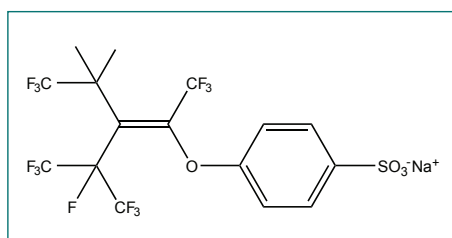
NATIVE PER- AND POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS (PFECA)

Catalogue Number	Product (methanol solution)	Qty/Conc
NaDONA	Sodium dodecafluoro-3H-4,8-dioxanonoate	1.2 mL 50.0 µg/mL*
PF40PeA	Perfluoro-4-oxapentanoic acid (PFMPA)	1.2 mL 50.0 µg/mL
PF50HxA	Perfluoro-5-oxahexanoic acid (PFMBA)	1.2 mL 50.0 µg/mL
3,6-OPFHpA	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.2 mL 50.0 µg/mL

***NOTE:** Listed concentration is reported as the salt.

NATIVE PERFLUOROALKYL ETHER SULFONATES (PFESA)

Catalogue Number	Product (methanol solution)	Qty/Conc
PFEEA	Potassium perfluoro(2-ethoxyethane)sulfonate	1.2 mL 50.0 µg/mL
aPFNOBS	Sodium <i>p</i> -perfluorous nonenoxybenzenesulfonate	1.2 mL 50.0 µg/mL

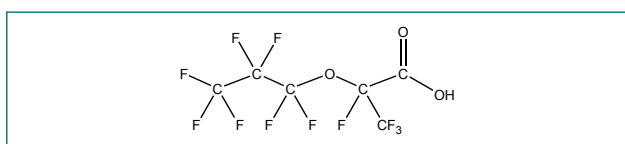


aPFNOBS

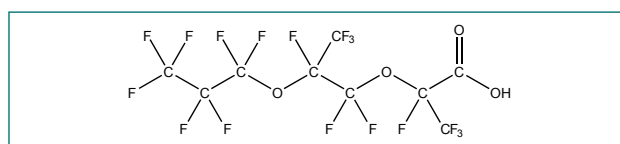
NOTE: Listed concentration is reported as the salt.

HEXAFLUOROPROPYLENE OXIDE OLIGOMER ACIDS

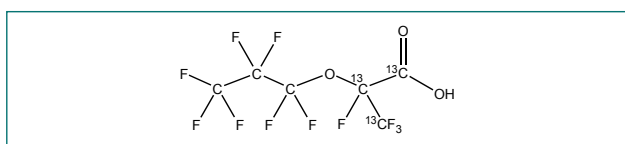
Catalogue Number	Product (methanol solution)	Qty/Conc
HFPO-DA	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid	1.2 mL 50.0 µg/mL
HFPO-TrA	2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propoxy]propanoic acid	1.2 mL 50.0 µg/mL
HFPO-TeA	2,3,3,3-Tetrafluoro-2-{1,1,2,3,3,3-hexafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propoxy]propoxy}propanoic acid	1.2 mL 50.0 µg/mL
M3HFPO-DA	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)(¹³ C ₃)-propanoic acid	1.2 mL 50.0 µg/mL



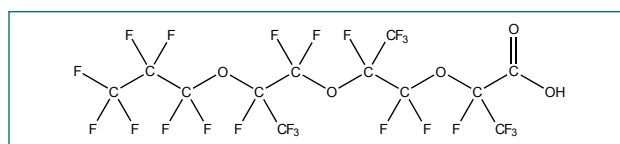
HFPO-DA (Dimer Acid, CAS: 13252-13-6)



HFPO-TrA (Trimer Acid, CAS: 13252-14-7)



M3HFPO-DA (¹³C₃-Dimer Acid, CAS: 3030247-97-0)



HFPO-TeA (Tetramer Acid, CAS: 65294-16-8)

NATIVE FLUOROTELOMER SULFONATES (X:2FTS)

Catalogue Number	Product (methanol solution)	Qty/Conc
4:2FTS	Sodium 1H,1H,2H,2H-perfluorohexanesulfonate (4:2)	1.2 mL 50.0 µg/mL
6:2FTS	Sodium 1H,1H,2H,2H-perfluorooctanesulfonate (6:2)	1.2 mL 50.0 µg/mL
8:2FTS	Sodium 1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	1.2 mL 50.0 µg/mL
10:2FTS	Sodium 1H,1H,2H,2H-perfluorododecane sulfonate (10:2)	1.2 mL 50.0 µg/mL

NOTE: Listed concentration is reported as the salt.

MASS-LABELLED FLUOROTELOMER SULFONATES

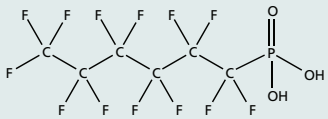
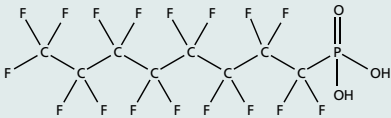
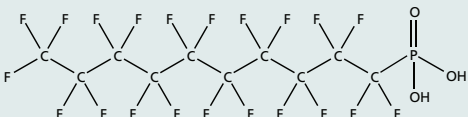
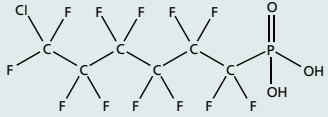
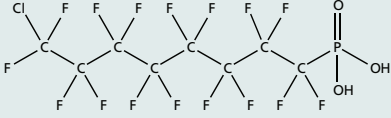
Catalogue Number	Product
M2-4:2FTS	Sodium 1H,1H,2H,2H-perfluoro(1,2-¹³C₂)hexanesulfonate (4:2) 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₂
M2-6:2FTS	Sodium 1H,1H,2H,2H-perfluoro(1,2-¹³C₂)octanesulfonate (6:2) 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₂
M2-8:2FTS	Sodium 1H,1H,2H,2H-perfluoro(1,2-¹³C₂)decanesulfonate (8:2) 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₂
M2-10:2FTS	Sodium 1H,1H,2H,2H-perfluoro(1,2-¹³C₂)dodecane sulfonate (10:2) 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₂

NOTE: Listed concentrations are reported as the salt.

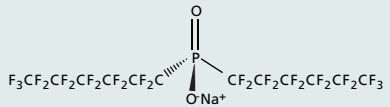
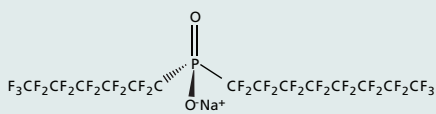
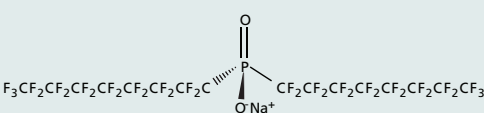
MASS-LABELLED FLUOROTELOMER SULFONATES: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
NEW M2FTS-MXA	Mass-Labelled (¹³ C ₂) X:2FTS Solution/Mixture	1.2 mL
	Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)hexanesulfonate	M2-4:2FTS 1000 ng/mL
	Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)octanesulfonate	M2-6:2FTS 1000 ng/mL
	Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)decanesulfonate	M2-8:2FTS 1000 ng/mL
	Sodium 1H,1H,2H,2H-perfluoro(1,2- ¹³ C ₂)dodecanesulfonate	M2-10:2FTS 1000 ng/mL

NATIVE PERFLUOROALKYLPHOSPHONIC ACIDS (PFAPA)

Catalogue Number	Product
PFHxPA 	Perfluorohexylphosphonic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol
PFOPA 	Perfluorooctylphosphonic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol
PFDPA 	Perfluorodecylphosphonic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol
Cl-PFHxPA 	6-Chloroperfluorohexylphosphonic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol
Cl-PFOPA 	8-Chloroperfluorooctylphosphonic acid 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol

NATIVE SODIUM PERFLUOROALKYL PHOSPHINATES (X:XPFPi)

Catalogue Number	Product
6:6PFPi 	Sodium bis(perfluorohexyl)phosphinate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol
6:8PFPi 	Sodium perfluorohexylperfluorooctylphosphinate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol
8:8PFPi 	Sodium bis(perfluorooctyl)phosphinate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol

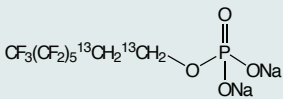
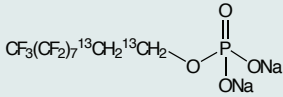
NATIVE POLYFLUOROALKYL PHOSPHATE MONO-ESTERS (PAP)

Catalogue Number	Product (methanol solution)	Qty/Conc
6:2PAP	Sodium 1H,1H,2H,2H-perfluorooctyl phosphate	1.2 mL 50.0 µg/mL
8:2PAP	Sodium 1H,1H,2H,2H-perfluorodecyl phosphate	1.2 mL 50.0 µg/mL

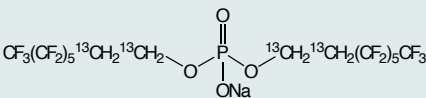
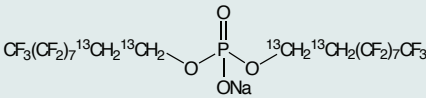
NATIVE POLYFLUOROALKYL PHOSPHATE DI-ESTERS (diPAP)

Catalogue Number	Product (methanol solution)	Qty/Conc	
6:2diPAP	Sodium bis(1H,1H,2H,2H-perfluorooctyl) phosphate	1.2 mL	50.0 µg/mL
6:2/8:2diPAP	Sodium (1H,1H,2H,2H-perfluorooctyl-1H,1H,2H,2H-perfluorodecyl) phosphate	1.2 mL	50.0 µg/mL
8:2diPAP	Sodium bis(1H,1H,2H,2H-perfluorodecyl) phosphate	1.2 mL	50.0 µg/mL

MASS-LABELLED POLYFLUOROALKYL PHOSPHATE MONO-ESTERS

Catalogue Number	Product
M2-6:2PAP	 Sodium 1H,1H,2H,2H-(1,2-¹³C₂)perfluorooctyl phosphate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₂
M2-8:2PAP	 Sodium 1H,1H,2H,2H-(1,2-¹³C₂)perfluorodecyl phosphate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₂

MASS-LABELLED POLYFLUOROALKYL PHOSPHATE DI-ESTERS

Catalogue Number	Product
M4-6:2diPAP	 Sodium bis[1H,1H,2H,2H-(1,2-¹³C₂)perfluorooctyl] phosphate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₄
M4-8:2diPAP	 Sodium bis[1H,1H,2H,2H-(1,2-¹³C₂)perfluorodecyl] phosphate 1.2 mL; 50.0 µg/mL (±2.5 µg/mL); in methanol; >99% ¹³C₄

NATIVE POLYFLUOROALKYL PHOSPHATE ESTERS (SAmPAP)

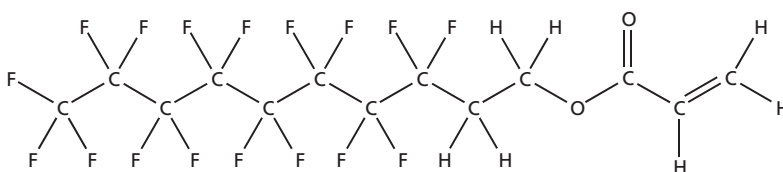
Catalogue Number	Product (methanol solution)	Qty/Conc	
SAmPAP	Sodium 2-(N-ethylperfluorooctane-1-sulfonamido)ethyl phosphate	1.2 mL	50.0 µg/mL
diSAmPAP	Sodium bis[2-(N-ethylperfluorooctane-1-sulfonamido)ethyl] phosphate	1.2 mL	50.0 µg/mL

NATIVE FLUOROTELOMER ACRYLATES (X:2FTAcr)

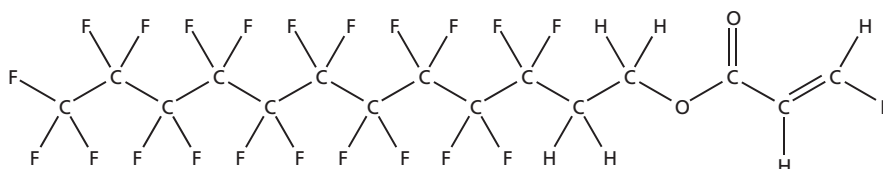
Catalogue Number	Product (isooctane solution)	Qty/Conc
8:2FTAcr	1H,1H,2H,2H-Perfluorodecyl acrylate	1.2 mL 50.0 µg/mL
10:2FTAcr	1H,1H,2H,2H-Perfluorododecyl acrylate (≥95%)	1.2 mL 47.9 µg/mL

NATIVE FLUOROTELOMER ACETATES (X:2FTOAc)

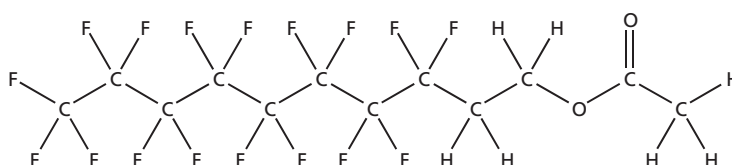
Catalogue Number	Product (isooctane solution)	Qty/Conc
8:2FTOAc	1H,1H,2H,2H-Perfluorodecyl acetate (>98%)	1.2 mL 50.0 µg/mL
10:2FTOAc	1H,1H,2H,2H-Perfluorododecyl acetate	1.2 mL 50.0 µg/mL



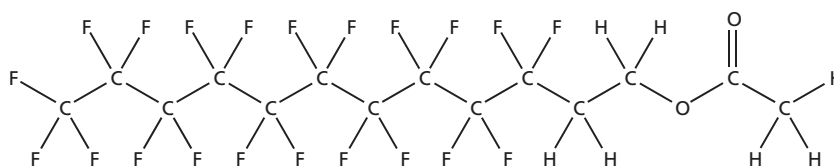
8:2FTAcr



10:2FTAcr



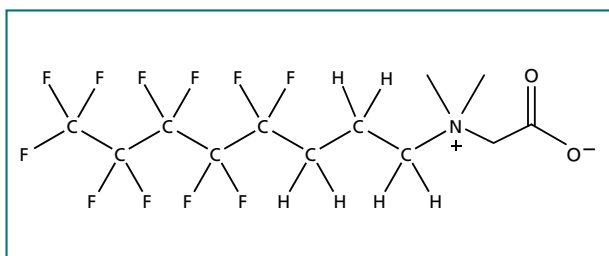
8:2FTOAc



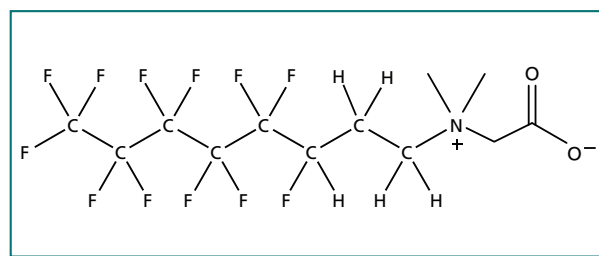
10:2FTOAc

CATIONIC/ZWITTERIONIC PFAS

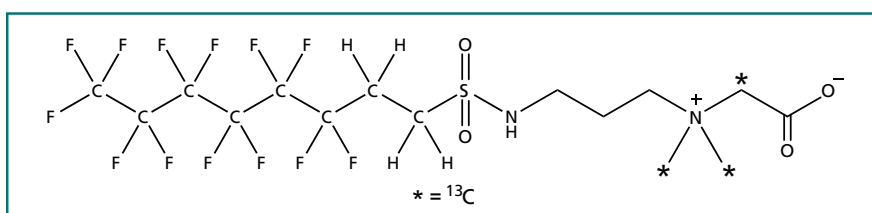
Catalogue Number	Product (methanol solution)	Qty/Conc
N-AP-FBSA	N-[3-(Dimethylamino)propan-1-yl]perfluoro-1-butanesulfonamide	1.2 mL 50.0 µg/mL
N-AP-FPeSA	N-[3-(Dimethylamino)propan-1-yl]perfluoro-1-pentanesulfonamide	1.2 mL 50.0 µg/mL
N-AP-FHxSA	N-[3-(Dimethylamino)propan-1-yl]perfluoro-1-hexanesulfonamide	1.2 mL 50.0 µg/mL
N-AP-FOSA	N-[3-(Dimethylamino)propan-1-yl]perfluoro-1-octanesulfonamide	1.2 mL 50.0 µg/mL
N-TAmP-FHxSA	N-[3-(Trimethylammonio)propan-1-yl]perfluoro-1-hexanesulfonazanide	1.2 mL 50.0 µg/mL
N-AP-6:2FOSA	6:2 Fluorotelomer sulfonamide alkylamine (6:2 FTAA)	1.2 mL 50.0 µg/mL
N-OxAmP-6:2FOSA	6:2 Fluorotelomer sulfonamide amine oxide (6:2 FTNO)	1.2 mL 50.0 µg/mL
N-CMAmP-6:2FOSA	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FTAB)	1.2 mL 50.0 µg/mL
M3N-CMAmP-6:2FOSA	¹³ C ₃ -6:2 Fluorotelomer sulfonamide alkylbetaine (¹³ C ₃ -6:2 FTAB)	1.2 mL 50.0 µg/mL
5:3FTB	5:3 Fluorotelomer betaine	1.2 mL 50.0 µg/mL
5:1:2FTB	5:1:2 Fluorotelomer betaine	1.2 mL 50.0 µg/mL



5:3FTB



5:1:2FTB



M3N-CMAmP-6:2FOSA

NOTE: The charge of these compounds will depend on pH.

用途確認書

令和 年 月 日

株式会社ウェリントン ラボラトリーズ ジャパン
代表取締役 加坂 達司 殿

住所
会社名
所属
使用者 (個人印で可)
電話番号

今般、貴社から購入予定の第一種特定化学物質は、「化学物質の審査及び製造等の規制に関する法律」(昭和48年法律第117号)第25条ただし書きに規定する試験研究用として使用します。

1, 第一種特定化学物質の商品としての組成、数量及び荷姿

① PFOS 又はその塩、PFOA 又はその塩、PFHxS 又はその塩:MPFAC-MXA
(PFOS 又はその塩、PFOA 又はその塩、PFHxS 又はその塩 3 種類 メタノール溶液 1.2ml) × 1
ガラスアンプル 組成表は別紙参照

2, 試験研究の目的

目的:

環境水に含まれる PFOS 又はその塩、PFOA 又はその塩、PFHxS 又はその塩を定量分析することを目的とする。今回購入する PFOS 又はその塩、PFOA 又はその塩、PFHxS 又はその塩 (MPFAC-MXA) は、液体クロマトグラフタンデム質量分析計(LCMSMS)にて正確に定量分析を行うための標準物質として使用する。

内容:

今回購入する、PFOS 又はその塩、PFOA 又はその塩、PFHxS 又はその塩 (MPFAC-MXA) は、希釈し 10ng/mL の内部標準溶液として1試料あたり 100μL を添加して使用する。



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