

有機フッ素化合物 標準液

Perfluorinated Compounds(PFCs)

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 WELLINGTON
LABORATORIES

Wellington Laboratories Japan Inc.
www.well-labs.co.jp

PFC-CVS-C

Catalogue Number	Product (methanol solution)	Qty/Conc				
用 PFC-CVS-C	PFC-C-CS5	1 kit				
	Calibration Solution CS1 - CS5	(5 ampoules)				
PFC-C-CS1	CS1	200μl				
PFC-C-CS2	CS2	200μl				
PFC-C-CS3	CS3	200μl				
PFC-C-CS4	CS4	200μl				
PFC-C-CS5	CS5	200μl				
Native PFCs		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)
Perfluoro-n-butanoic acid	PFBA	2.0	10	50	200	1000
Perfluoro-n-pentanoic acid	PFPeA	2.0	10	50	200	1000
Perfluoro-n-hexanoic acid	PFHxA	2.0	10	50	200	1000
Perfluoro-n-heptanoic acid	PFHpA	2.0	10	50	200	1000
Perfluoro-n-octanoic acid	PFOA	2.0	10	50	200	1000
Perfluoro-n-nonanoic acid	PFNA	2.0	10	50	200	1000
Perfluoro-n-decanoic acid	PFDA	2.0	10	50	200	1000
Perfluoro-n-undecanoic acid	PFUdA	2.0	10	50	200	1000
Perfluoro-n-dodecanoic acid	PFDoA	2.0	10	50	200	1000
Perfluoro-n-tridecanoic acid	PFTTrDA	2.0	10	50	200	1000
Perfluoro-n-tetradecanoic acid	PFTeDA	2.0	10	50	200	1000
Perfluoro-n-hexadecanoic acid	PFHxDA	2.0	10	50	200	1000
Perfluoro-n-octadecanoic acid	PFODA	2.0	10	50	200	1000
Potassium perfluoro-1-butanefluorobutanesulfonate	L-PFBS	2.0	10	50	200	1000
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	2.0	10	50	200	1000
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2.0	10	50	200	1000
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	2.0	10	50	200	1000
Sodium perfluoro-1-octanesulfonate	L-PFOS	2.0	10	50	200	1000
Sodium perfluoro-1-nonanesulfonate	L-PFNS	2.0	10	50	200	1000
Sodium perfluoro-1-decanesulfonate	L-PFDS	2.0	10	50	200	1000
Sodium perfluoro-1-dodecanesulfonate	L-PFDoS	2.0	10	50	200	1000
Mass-Labelled PFCs Extraction Standards						
Perfluoro-n-[1,2,3,4- ¹³ C ₄]butanoic acid	MPFBA	50	50	50	50	50
Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]pentanoic acid	M5PFPeA	50	50	50	50	50
Perfluoro-n-[1,2,3,4,6- ¹³ C ₅]hexanoic acid	M5PFHxA	50	50	50	50	50
Perfluoro-n-[1,2,3,4- ¹³ C ₄]heptanoic acid	M4PFHpA	50	50	50	50	50
Perfluoro-n-[¹³ C ₈]octanoic acid	M8PFOA	50	50	50	50	50
Perfluoro-n-[¹³ C ₉]nonanoic acid	M9PFNA	50	50	50	50	50
Perfluoro-n-[1,2,3,4,5,6- ¹³ C ₆]decanoic acid	M6PFDA	50	50	50	50	50
Perfluoro-n-[1,2,3,4,5,6,7- ¹³ C ₇]undecanoic acid	M7PFUdA	50	50	50	50	50
Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid	MPFDoA	50	50	50	50	50
Perfluoro-n-[1,2- ¹³ C ₂]tetradecanoic acid	M2PFTeDA	50	50	50	50	50
Sodium perfluoro-1-[2,3,4- ¹³ C ₃]butanesulfonate	M3PFBS	50	50	50	50	50
Sodium perfluoro-1-[1,2,3- ¹³ C ₃]hexanesulfonate	M3PFHxS	50	50	50	50	50
Sodium perfluoro-1-[¹³ C ₈]octanesulfonate	M8PFOS	50	50	50	50	50
Mass-Labelled PFCs Injection Standards						
Perfluoro-n-[1,2,3,4- ¹³ C ₃]butanoic acid	M3PFBA	50	50	50	50	50
Perfluoro-n-[1,2- ¹³ C ₂]octanoic acid	M2PFOA	50	50	50	50	50
Perfluoro-n-[1,2- ¹³ C ₂]decanoic acid	MPFDA	50	50	50	50	50
Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfonate	MPFOS	50	50	50	50	50

NOTE: Listed concentrations are reported as the salt.

Catalogue Number	Product (methanol solution)	Qty/Conc		
 MPFAC-C-ES	Mass-Labelled PFC Extraction Standards Soluiton	1.2ml		
 MPFAC-C-IS	Mass-Labelled PFC Injection Standards Soluiton	1.2ml		
 PFAC-MXC	Native PFC Stock Soluiton	1.2ml		
Native PFCs		MPFAC-C-ES (ng/ml)	MPFAC-C-IS (ng/ml)	PFAC-MXC (ng/ml)
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	PFDaA	—	—	2000
Perfluoro-n-tridecanoic acid	PFTTrDA	—	—	2000
Perfluoro-n-tetradecanoic acid	PFTeDA	—	—	2000
Perfluoro-n-hexadecanoic acid	PFHxDA	—	—	2000
Perfluoro-n-octadecanoic acid	PFODA	—	—	2000
Potassium perfluoro-1-butanesulfonate	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-decanesulfonate	L-PFDS	—	—	2000
Sodium perfluoro-1-dodecanesulfonate	L-PFDaS	—	—	2000
Mass-Labelled PFCs Extraction Standards				
Perfluoro-n-[1,2,3,4- ¹³ C ₄]butanoic acid	MPFBA	2000	—	—
Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]pentanoic acid	M5PFPeA	2000	—	—
Perfluoro-n-[1,2,3,4,6- ¹³ C ₅]hexanoic acid	M5PFHxA	2000	—	—
Perfluoro-n-[1,2,3,4- ¹³ C ₄]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 ₆]decanoic acid	M6PFDA	2000	—	—
Perfluoro-n-[1,2,3,4,5,6,7- ¹³ C ₇]undecanoic acid	M7PFUdA	2000	—	—
Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid	MPFDaA	2000	—	—
Perfluoro-n-[1,2- ¹³ C ₂]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 PFCs Injection Standards				
Perfluoro-n-[1,2,3,4- 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 are reported as the salt.

NATIVE LINEAR PERFLUOROALKYLSULFONATES (PFSAs)

Catalogue Number	Product (methanol solution)	Qty/Conc	
L-PFPrS	Sodium perfluoro-1-propanesulfonate	1.2 ml	50 µg/ml
L-PFBS	Potassium perfluoro-1-butanesulfonate	1.2 ml	50 µg/ml
L-PFPeS	Sodium perfluoro-1-pentanesulfonate	1.2 ml	50 µg/ml
L-PFHxS	Sodium perfluoro-1-hexanesulfonate	1.2 ml	50 µg/ml
L-PFHpS	Sodium perfluoro-1-heptanesulfonate	1.2 ml	50 µg/ml
 L-PFOS	Sodium perfluoro-1-octanesulfonate	1.2 ml	50 µg/ml
 L-PFOSK	Potassium perfluoro-1-octanesulfonate	1.2 ml	50 µg/ml
L-PFNS	Sodium perfluoro-1-nonanesulfonate	1.2 ml	50 µg/ml
L-PFDS	Sodium perfluoro-1-decanesulfonate	1.2 ml	50 µg/ml
 L-PFUdS	Sodium perfluoro-1-undecanesulfonate	1.2 ml	50 µg/ml
L-PFDoS	Sodium perfluoro-1-dodecanesulfonate	1.2 ml	50 µg/ml
 L-PFTrDS	Sodium perfluoro-1-tridecanesulfonate	1.2 ml	50 µg/ml

NOTE:Listed concentrations are reported as the salt.

NATIVE PERFLUOROALKYLSULFONATES: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc	
 PFS-MXA	Native PFAS Solution/Mixture	1.2 ml	
	Potassium perfluoro-1-butanesulfonate	2 µg/ml	
	Sodium perfluoro-1-hexanesulfonate	2 µg/ml	
	Sodium perfluoro-1-heptanesulfonate	2 µg/ml	
	Sodium perfluoro-1-octanesulfonate	2 µg/ml	
	Sodium perfluoro-1-decanesulfonate	2 µg/ml	

NOTE:Listed concentrations are reported as the salt.

NATIVE CHLORO-PERFLUOROALKYLSULFONATE

Catalogue Number	Product (methanol solution)	Qty/Conc	
8CI-PFOS	Sodium 8-chloroperfluoro-1-octanesulfonate	1.2 ml	50 µg/ml

NOTE:Listed concentrations are reported as the salt.

NATIVE PERFLUOROETHYLCYCLOHEXANESULFONATE

Catalogue Number	Product (methanol solution)	Qty/Conc	
PFECHS	Perfluoro-4-ethylcyclohexanesulfonate	1.2 ml	50 µg/ml

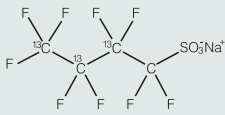
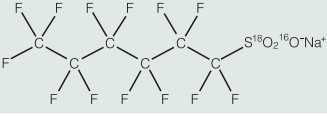
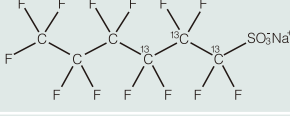
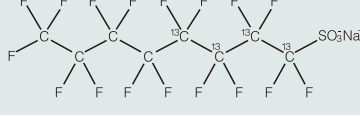
NOTE:Listed concentrations are reported as the salt.

NATIVE BRANCHED PERFLUOROALKYLSULFONATES

Catalogue Number	Product (methanol solution)	Qty/Conc	
br-PFHxSK	L-PFHxS with branched isomers (Potassium Salt)	1.2 ml	50 µg/ml
 br-PFOSK	L-PFOSK with branched isomers	1.2 ml	50 µg/ml
 T-PFOS	Potassium perfluorooctanesulfonate (Technical Grade)	1.2 ml	50 µg/ml
NaP3MHpS	Sodium perfluoro-3-methylheptanesulfonate	1.2 ml	50 µg/ml
NaP6MHpS	Sodium perfluoro-6-methylheptanesulfonate	1.2 ml	50 µg/ml
ipPFNS	Sodium perfluoro-7-methyloctanesulfonate	1.2 ml	50 µg/ml

NOTE:Listed concentrations are reported as the salt.

MASS-LABELLED PERFLUOROALKYLSULFONATES

Catalogue Number		Product
M3PFBS		Sodium perfluoro-1-[2,3,4- ¹³ C ₃]butanesulfonate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₃
MPFHxS		Sodium perfluoro-1-hexane[¹⁸ O ₂]sulfonate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >94% ¹⁸ O ₂
M3PFHxS		Sodium perfluoro-1-[1,2,3- ¹³ C ₃]hexanesulfonate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₃
 MPFOS		Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfonate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₄
 M8PFOS		Sodium perfluoro-[¹³ C ₈]octanesulfonate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₈

NOTE:Listed concentrations are reported as the salt.

NATIVE LINEAR PERFLUOROALKYLCARBOXYLIC ACIDS (PFCAs)

Catalogue Number	Product (methanol solution)	Qty/Conc	
PFBA	Perfluoro-n-butanoic acid	1.2 ml	50 µg/ml
PFPeA	Perfluoro-n-pentanoic acid	1.2 ml	50 µg/ml
PFHxA	Perfluoro-n-hexanoic acid	1.2 ml	50 µg/ml
PFHpA	Perfluoro-n-heptanoic acid	1.2 ml	50 µg/ml
 PFOA	Perfluoro-n-octanoic acid	1.2 ml	50 µg/ml
PFNA	Perfluoro-n-nonanoic acid	1.2 ml	50 µg/ml
PFDA	Perfluoro-n-decanoic acid	1.2 ml	50 µg/ml
PFUdA	Perfluoro-n-undecanoic acid	1.2 ml	50 µg/ml
PFDaA	Perfluoro-n-dodecanoic acid	1.2 ml	50 µg/ml
PFTTrDA	Perfluoro-n-tridecanoic acid	1.2 ml	50 µg/ml
PFTeDA	Perfluoro-n-tetradecanoic acid	1.2 ml	50 µg/ml
PFHxDA	Perfluoro-n-hexadecanoic acid	1.2 ml	50 µg/ml
PFODA	Perfluoro-n-octadecanoic acid	1.2 ml	50 µg/ml

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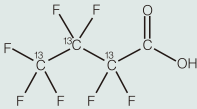
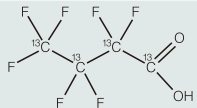
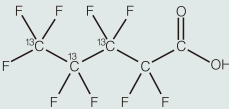
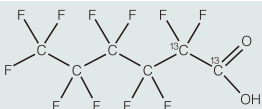
NATIVE PERFLUOROALKYLCARBOXYLIC ACIDS: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
 PFC-MXA	Native PFCA Solution/Mixture	1.2 ml
	Perfluoro-n-butanoic acid	2 µg/ml
	Perfluoro-n-pentanoic acid	2 µg/ml
	Perfluoro-n-hexanoic acid	2 µg/ml
	Perfluoro-n-heptanoic acid	2 µg/ml
	Perfluoro-n-octanoic acid	2 µg/ml
	Perfluoro-n-nonanoic acid	2 µg/ml
	Perfluoro-n-decanoic acid	2 µg/ml
	Perfluoro-n-undecanoic acid	2 µg/ml
	Perfluoro-n-dodecanoic acid	2 µg/ml
	Perfluoro-n-tridecanoic acid	2 µg/ml
	Perfluoro-n-tetradecanoic acid	2 µg/ml

NATIVE BRANCHED PERFLUOROALKYLCARBOXYLIC ACIDS

Catalogue Number	Product (methanol solution)	Qty/Conc
 T-PFOA	Technical Ammonium Perfluorooctanoate	1.2 ml 50 µg/ml
P3MHpA	Perfluoro-3-methylheptanoic acid	1.2 ml 50 µg/ml
P4MOA	Perfluoro-4-methyloctanoic acid	1.2 ml 50 µg/ml
ipPFNA	Perfluoro-7-methyloctanoic acid	1.2 ml 50 µg/ml
P355TMHxA	Perfluoro-3,5,5-trimethylhexanoic acid	1.2 ml 50 µg/ml
P37DMOA	Perfluoro-3,7-dimethyloctanoic acid	1.2 ml 50 µg/ml

MASS-LABELLED PERFLUOROALKYLCARBOXYLIC ACIDS

Catalogue Number	Product
M3PFBA	 Perfluoro-n-[2,3,4- ¹³C₃]butanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% 2,3,4- ¹³C₃
MPFBA	 Perfluoro-n-[1,2,3,4- ¹³C₄]butanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³C₄
M3PFPeA	 Perfluoro-n-[3,4,5- ¹³C₃]pentanoic acid 1.2ml 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% 3,4,5- ¹³C₃
M5PFPeA	 Perfluoro-n-[1,2,3,4,5- ¹³C₅]pentanoic acid 1.2ml 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³C₅
MPFHxA	 Perfluoro-n-[1,2- ¹³C₂]hexanoic acid 1.2 ml; 50 µg/ml (±2.5µg/ml); in methanol >99% linear; >99% ¹³C₂

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MASS-LABELLED PERFLUOROALKYLCARBOXYLIC ACIDS

Catalogue Number		Product
M5PFHxA		Perfluoro-n-[1,2,3,4,6- ¹³ C ₅]hexanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₅
M4PFHpA		Perfluoro-n-[1,2,3,4- ¹³ C ₄]heptanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₄
用 M2PFOA		Perfluoro-n-[1,2- ¹³ C ₂]octanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₂
用 MPFOA		Perfluoro-n-[1,2,3,4- ¹³ C ₄]octanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₄
用 M8PFOA		Perfluoro-n-[¹³ C ₈]octanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; 97.9% ¹³ C ₈ and 2.1% ¹³ C ₄
MPFNA		Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]nonanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₅
M9PFNA		Perfluoro-n-[¹³ C ₉]nonanoic acid 1.2 ml; 50 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 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₂
MPFDA-A		Perfluoro-n-[1,2- ¹³ C ₂]decanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in acetonitrile >99% linear; >99% ¹³ C ₂
M6PFDA		Perfluoro-n-[1,2,3,4,5,6- ¹³ C ₆]decanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₆
MPFUdA		Perfluoro-n-[1,2- ¹³ C ₂]undecanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₂
M7PFUdA		Perfluoro-n-[1,2,3,4,5,6,7- ¹³ C ₇]undecanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₇
MPFDoA		Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₂
M2PFTeDA		Perfluoro-n-[1,2- ¹³ C ₂]tetradecanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₂
M2PFHxDA		Perfluoro-n-[1,2- ¹³ C ₂]hexadecanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; >99% ¹³ C ₂

用 第一種特定化学物質

MIXED NATIVE PFCAs AND PFASs: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 PFAC-MXA		
	Native PFCAs and PFASs Solution/Mixture	1.2 ml
Perfluoro-n-butanoic acid	PFBA	5 µg/ml
Perfluoro-n-pentanoic acid	PFPeA	5 µg/ml
Perfluoro-n-hexanoic acid	PFHxA	5 µg/ml
Perfluoro-n-heptanoic acid	PFHpA	5 µg/ml
Perfluoro-n-octanoic acid	PFOA	5 µg/ml
Perfluoro-n-nonanoic acid	PFNA	5 µg/ml
Perfluoro-n-decanoic acid	PFDA	5 µg/ml
Potassium perfluoro-1-butanedisulfonate	L-PFBS	5 µg/ml
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	5 µg/ml
Sodium perfluoro-1-octanesulfonate	L-PFOS	5 µg/ml
用 PFAC-MXB		
	Native PFCAs and PFASs Solution/Mixture	1.2 ml
Perfluoro-n-butanoic acid	PFBA	2 µg/ml
Perfluoro-n-pentanoic acid	PFPeA	2 µg/ml
Perfluoro-n-hexanoic acid	PFHxA	2 µg/ml
Perfluoro-n-heptanoic acid	PFHpA	2 µg/ml
Perfluoro-n-octanoic acid	PFOA	2 µg/ml
Perfluoro-n-nonanoic acid	PFNA	2 µg/ml
Perfluoro-n-decanoic acid	PFDA	2 µg/ml
Perfluoro-n-undecanoic acid	PFUdA	2 µg/ml
Perfluoro-n-dodecanoic acid	PFDoA	2 µg/ml
Perfluoro-n-tridecanoic acid	PFTTrDA	2 µg/ml
Perfluoro-n-tetradecanoic acid	PFTeDA	2 µg/ml
Perfluoro-n-hexadecanoic acid	PFHxDA	2 µg/ml
Perfluoro-n-octadecanoic acid	PFODA	2 µg/ml
Potassium perfluoro-1-butanedisulfonate	L-PFBS	2 µg/ml
Sodium perfluoro-1-hexanesulfonate	L-PFHxA	2 µg/ml
Sodium perfluoro-1-octanesulfonate	L-PFOS	2 µg/ml
Sodium perfluoro-1-decanedisulfonate	L-PFDS	2 µg/ml
NEW 用 EU-5813-NSS		
	5813/20 PFAS Native Solution/Mixture	1.2 ml
Perfluoro-n-butanoic acid	PFBA	2 µg/ml
Perfluoro-n-pentanoic acid	PFPeA	2 µg/ml
Perfluoro-n-hexanoic acid	PFHxA	2 µg/ml
Perfluoro-n-heptanoic acid	PFHxA	2 µg/ml
Perfluoro-n-octanoic acid	PFHpA	2 µg/ml
Perfluoro-n-nonanoic acid	PFOA	2 µg/ml
Perfluoro-n-decanoic acid	PFNA	2 µg/ml
Perfluoro-n-undecanoic acid	PFDA	2 µg/ml
Perfluoro-n-dodecanoic acid	PFDoA	2 µg/ml
Perfluoro-n-tridecanoic acid	PFTTrDA	2 µg/ml
Potassium perfluoro-1-butanedisulfonate	L-PFBS	2 µg/ml
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	2 µg/ml
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2 µg/ml
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	2 µg/ml
Sodium perfluoro-1-octanesulfonate	L-PFOS	2 µg/ml
Sodium perfluoro-1-nonanesulfonate	L-PFNS	2 µg/ml
Sodium perfluoro-1-decanedisulfonate	L-PFDS	2 µg/ml
Sodium perfluoro-1-undecanesulfonate	L-PFUdS	2 µg/ml
Sodium perfluoro-1-dodecanedisulfonate	L-PFDoS	2 µg/ml
Sodium perfluoro-1-tridecanedisulfonate	L-PFTTrDS	2 µg/ml

MIXED MASS-LABELLED PFCAs AND PFASs: SOLUTION/MIXTURE

Catalogue Number	Product (methanol solution)	Qty/Conc
用 MPFAC-MXA	Mass-Labelled PFCAs and PFASs Solution/Mixture	1.2 ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]butanoic acid	MPFBA	2 µg/ml
Perfluoro-n-[1,2- ¹³ C ₂]hexanoic acid	MPFHxA	2 µg/ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]octanoic acid	MPFOA	2 µg/ml
Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]nonanoic acid	MPFNA	2 µg/ml
Perfluoro-n-[1,2- ¹³ C ₂]decanoic acid	MPFDA	2 µg/ml
Perfluoro-n-[1,2- ¹³ C ₂]undecanoic acid	MPFUdA	2 µg/ml
Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid	MPFDoA	2 µg/ml
Sodium perfluoro-1-hexane[¹⁸ O ₂]sulfonate	MPFHxS	2 µg/ml
Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfonate	MPFOS	2 µg/ml

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

MIXED NATIVE PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol/4% isopropanol,/ <1% water)	Qty/Conc
用 PFAC-24PAR	Native PFAS Precision and Recovery Standard Solution	1.2 ml
Perfluoro-n-butanoic acid	PFBA	2000ng/ml
Perfluoro-n-pentanoic acid	PFPeA	2000ng/ml
Perfluoro-n-hexanoic acid	PFHxA	2000ng/ml
Perfluoro-n-heptanoic acid	PFHpA	2000ng/ml
Perfluoro-n-octanoic acid	PFOA	2000ng/ml
Perfluoro-n-nonanoic acid	PFNA	2000ng/ml
Perfluoro-n-decanoic acid	PFDA	2000ng/ml
Perfluoro-n-undecanoic acid	PFUdA	2000ng/ml
Perfluoro-n-dodecanoic acid	PFDaA	2000ng/ml
Perfluoro-n-tridecanoic acid	PFTTrDA	2000ng/ml
Perfluoro-n-tetradecanoic acid	PFTeDA	2000ng/ml
Perfluoro-1-octanesulfonamide	FOSA	2000ng/ml
N-methylperfluoro-1-octanesulfonamidoacetic acid	N-MeFOSAA	2000ng/ml
N-ethylperfluoro-1-octanesulfonamidoacetic acid	N-EtFOSAA	2000ng/ml
Potassium perfluoro-1-butanedisulfonate	L-PFBS	2000ng/ml
Sodium perfluoro-1-pentadisulfonate	L-PFPeS	2000ng/ml
Potassium perfluorohexanedisulfonate	PFHxSK: linear isomer	1620ng/ml
	PFHxSK: Σ branched isomers	378ng/ml
Sodium perfluoro-1-heptadisulfonate	L-PFHpS	2000ng/ml
Potassium perfluorooctanedisulfonate	PFOSK: linear isomer	1580ng/ml
	PFOSK: Σ branched isomers	422ng/ml
Sodium perfluoro-1-nonanedisulfonate	L-PFNS	2000ng/ml
Sodium perfluoro-1-decanedisulfonate	L-PFDS	2000ng/ml
Sodium 1H,1H,2H,2H-perfluorohexane sulfonate	4:2FTS	2000ng/ml
Sodium 1H,1H,2H,2H-perfluorooctane sulfonate	6:2FTS	2000ng/ml
Sodium 1H,1H,2H,2H-perfluorodecane sulfonate	8:2FTS	2000ng/ml

NOTE: Listed concentrations are reported as the salt.

用 第一種特定化学物質

MIXED NATIVE PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol/6% isopropanol,/ <1% water)	Qty/Conc
用 PFAC-30PAR	Native PFAS Precision and Recovery Standard Solution	1.2 ml
Perfluoro-n-butanoic acid	PFBA	1000ng/ml
Perfluoro-n-pentanoic acid	PFPeA	1000ng/ml
Perfluoro-n-hexanoic acid	PFHxA	1000ng/ml
Perfluoro-n-heptanoic acid	PFHpA	1000ng/ml
Perfluoro-n-octanoic acid	PFOA	1000ng/ml
Perfluoro-n-nonanoic acid	PFNA	1000ng/ml
Perfluoro-n-decanoic acid	PFDA	1000ng/ml
Perfluoro-n-undecanoic acid	PFUdA	1000ng/ml
Perfluoro-n-dodecanoic acid	PFDoA	1000ng/ml
Perfluoro-n-tridecanoic acid	PFTrDA	1000ng/ml
Perfluoro-n-tetradecanoic acid	PFTeDA	1000ng/ml
Perfluoro-1-butanedisulfonamide	FBSA	1000ng/ml
Perfluoro-1-hexanedisulfonamide	FHxSA	1000ng/ml
Perfluoro-1-octanedisulfonamide	FOSA	1000ng/ml
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	1000ng/ml
N-methylperfluoro-1-octanedisulfonamidoacetic acid	N-MeFOSAA: linear isomer	760ng/ml
	N-MeFOSAA: Σ branched isomers	240ng/ml
N-ethylperfluoro-1-octanedisulfonamidoacetic acid	N-EtFOSAA: linear isomer	775ng/ml
	N-EtFOSAA: Σ branched isomers	225ng/ml
Potassium perfluoro-1-butanedisulfonate	L-PFBS	1000ng/ml
Sodium perfluoro-1-pentadisulfonate	L-PFPeS	1000ng/ml
Potassium perfluorohexanedisulfonate	PFHxSK: linear isomer	811ng/ml
	PFHxSK: Σ branched isomers	189ng/ml
Sodium perfluoro-1-heptadisulfonate	L-PFHpS	1000ng/ml
Potassium perfluorooctanedisulfonate	PFOSK: linear isomer	788ng/ml
	PFOSK: Σ branched isomers	211ng/ml
Sodium perfluoro-1-nonanedisulfonate	L-PFNs	1000ng/ml
Sodium perfluoro-1-decanedisulfonate	L-PFDS	1000ng/ml
Sodium 1H,1H,2H,2H-perfluorohexane sulfonate	4:2FTS	1000ng/ml
Sodium 1H,1H,2H,2H-perfluorooctane sulfonate	6:2FTS	1000ng/ml
Sodium 1H,1H,2H,2H-perfluorodecane sulfonate	8:2FTS	1000ng/ml
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	1000ng/ml
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	1000ng/ml
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUDS	1000ng/ml

NOTE:Listed concentrations are reported as the salt.

用 第一種特定化学物質

MIXED NATIVE PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol <1% water)	Qty/Conc
用 EPA-537PDS-R1	EPA Method 537 Analyte Primary Dilution Standard (branched/linear mix)	1.2 ml
Perfluoro-n-hexanoic acid	PFHxA	2000ng/ml
Perfluoro-n-heptanoic acid	PFHpA	2000ng/ml
Perfluoro-n-octanoic acid	PFOA	2000ng/ml
Perfluoro-n-nonanoic acid	PFNA	2000ng/ml
Perfluoro-n-decanoic acid	PFDA	2000ng/ml
Perfluoro-n-undecanoic acid	PFUdA	2000ng/ml
Perfluoro-n-dodecanoic acid	PFDoA	2000ng/ml
Perfluoro-n-tridecanoic acid	PFTTrDA	2000ng/ml
Perfluoro-n-tetradecanoic acid	PFTeDA	2000ng/ml
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	2000ng/ml
N-methylperfluoro-1-octanesulfonamidoacetic acid	N-MeFOSAA: linear isomer	1520ng/ml
	N-MeFOSAA: Σ branched isomers	480ng/ml
N-ethylperfluoro-1-octanesulfonamidoacetic acid	N-EtFOSAA: linear isomer	1550ng/ml
	N-EtFOSAA: Σ branched isomers	450ng/ml
Potassium perfluoro-1-butanefluorobutanesulfonate	L-PFBS	2000ng/ml
Potassium perfluorohexanesulfonate	PFHxSK: linear isomer	1620ng/ml
	PFHxSK: Σ branched isomers	378ng/ml
Potassium perfluorooctanesulfonate	PFOSK: linear isomer	1580ng/ml
	PFOSK: Σ branched isomers	422ng/ml
Sodium dodecafluoro-3H-4,8-dioxanone-1-carboxylate	NaDONA	1000ng/ml
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	1000ng/ml
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	1000ng/ml

用 EPA-537PDSL-R1	EPA Method 537 Analyte Primary Dilution Standard (linear isomers only)	1.2 ml
Perfluoro-n-hexanoic acid	PFHxA	2000ng/ml
Perfluoro-n-heptanoic acid	PFHpA	2000ng/ml
Perfluoro-n-octanoic acid	PFOA	2000ng/ml
Perfluoro-n-nonanoic acid	PFNA	2000ng/ml
Perfluoro-n-decanoic acid	PFDA	2000ng/ml
Perfluoro-n-undecanoic acid	PFUdA	2000ng/ml
Perfluoro-n-dodecanoic acid	PFDoA	2000ng/ml
Perfluoro-n-tridecanoic acid	PFTTrDA	2000ng/ml
Perfluoro-n-tetradecanoic acid	PFTeDA	2000ng/ml
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	2000ng/ml
N-methylperfluoro-1-octanesulfonamidoacetic acid	N-MeFOSAA	2000ng/ml
N-ethylperfluoro-1-octanesulfonamidoacetic acid	N-EtFOSAA	2000ng/ml
Potassium perfluoro-1-butanefluorobutanesulfonate	L-PFBS	2000ng/ml
Sodium perfluoro-1-hexanesulfonate	L-PFHxS	2000ng/ml
Sodium perfluoro-1-octanesulfonate	L-PFOS	2000ng/ml
Sodium dodecafluoro-3H-4,8-dioxanone-1-carboxylate	NaDONA	2000ng/ml
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	2000ng/ml
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	2000ng/ml

NOTE:Listed concentrations are reported as the salt.

用 第一種特定化学物質

MIXED NATIVE PFAS: SOLUTION/MIXTURES

Catalogue Number	Product (methanol <1% water)	Qty/Conc
用 EPA-533PAR	EPA Method 533 Native Analyte Primary Diluion Standard (br/linear mix)	1.2 ml
Perfluoro-n-butanoic acid	PFBA	500ng/ml
Perfluoro-n-pentanoic acid	PFPeA	500ng/ml
Perfluoro-n-hexanoic acid	PFHxA	500ng/ml
Perfluoro-n-heptanoic acid	PFHpA	500ng/ml
Perfluoro-n-octanoic acid	PFOA	500ng/ml
Perfluoro-n-nonanoic acid	PFNA	500ng/ml
Perfluoro-n-decanoic acid	PFDA	500ng/ml
Perfluoro-n-undecanoic acid	PFUdA	500ng/ml
Perfluoro-n-dodecanoic acid	PFDoA	500ng/ml
Perfluoro-n-tridecanoic acid	PFTTrDA	500ng/ml
Perfluoro-n-tetradecanoic acid	PFTeDA	500ng/ml
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	500ng/ml
Perfluoro-4-oxapentanoic acid	PF4OPeA	500ng/ml
Perfluoro-5-oxahexanoic acid	PF5OHxA	500ng/ml
Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA	500ng/ml
Potassium perfluoro-1-butanedisulfonate	L-PFBS	500ng/ml
Sodium perfluoro-1-pentadisulfonate	L-PFPeS	500ng/ml
Potassium perfluorohexanedisulfonate	PFHxSK: linear isomer	406ng/ml
	PFHxSK: Σ branched isomers	94.5ng/ml
Sodium perfluoro-1-heptadisulfonate	L-PFHpS	500ng/ml
Potassium perfluorooctanedisulfonate	PFOSK: linear isomer	394ng/ml
	PFOSK: Σ branched isomers	106ng/ml
Sodium 1H,1H,2H,2H-perfluorohexane sulfonate	4:2FTS	500ng/ml
Sodium 1H,1H,2H,2H-perfluorooctane sulfonate	6:2FTS	500ng/ml
Sodium 1H,1H,2H,2H-perfluorodecane sulfonate	8:2FTS	500ng/ml
Sodium dodecafluoro-3H-4,8-dioxanonoate	NaDONA	500ng/ml
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9CI-PF3ONS	500ng/ml
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11CI-PF3OUdS	500ng/ml
Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA	500ng/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	2000ng/ml
Sodium dodecafluoro-3H-4,8-dioxanonoate	NaDONA	2000ng/ml
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9CI-PF3ONS	2000ng/ml
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11CI-PF3OUdS	2000ng/ml
PFAC-MXG	Native Perfluoroether-Carboxylic Acids and -Sulfonate Solution/Mixture	1.2 ml
Perfluoro-4-oxapentanoic acid	PF4OPeA	2000ng/ml
Perfluoro-5-oxahexanoic acid	PF5OHxA	2000ng/ml
Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA	2000ng/ml
Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA	2000ng/ml

NOTE:Listed concentrations are reported as the salt.

用 第一種特定化学物質

MIXED NATIVE PFAS: SOLUTION/MIXTURES

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

NOTE: Listed concentrations 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 <1% water)	Qty/Conc
EPA-537SS-R1	EPA Method 537 Surrogate Primary Dilution Standard (SUR PDS)	1.2 ml
Perfluoro-n-[1,2- ¹³ C ₂]hexanoic acid	MPFHxA	1000ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]decanoic acid	MPFDA	1000ng/ml
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)- ¹³ C ₃ -propanoic acid	M3HFPO-DA	1000ng/ml
N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	4000ng/ml

用 EPA-537IS	EPA Method 537 Internal Standard Primary Dilution Standard (IS PDS)	1.2 ml
Perfluoro-n-[1,2- ¹³ C ₂]octanoic acid	M2PFOA	1000ng/ml
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	4000ng/ml
Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfonate	MPFOS	3000ng/ml

Catalogue Number	Product (methanol/2% isopropanol,/ <1% water)	Qty/Conc
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用 MPFAC-24ES	Mass-Labelled PFAS Extraction Standard Solution	1.2 ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]butanoic acid	MPFBA	1000ng/ml
Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]pentanoic acid	M5PFPeA	1000ng/ml
Perfluoro-n-[1,2,3,4,6- ¹³ C ₆]hexanoic acid	M5PFHxA	1000ng/ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]heptanoic acid	M4PFHpA	1000ng/ml
Perfluoro-n-[¹³ C ₈]octanoic acid	M8PFOA	1000ng/ml
Perfluoro-n-[¹³ C ₉]nonanoic acid	M9PFNA	1000ng/ml
Perfluoro-n-[1,2,3,4,5,6- ¹³ C ₆]decanoic acid	M6PFDA	1000ng/ml
Perfluoro-n-[1,2,3,4,5,6,7- ¹³ C ₇]undecanoic acid	M7PFUdA	1000ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid	MPFDoA	1000ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]tetradecanoic acid	M2PFTeDA	1000ng/ml
Perfluoro-1-[¹³ C ₈]octanesulfonamide	M8FOSA	1000ng/ml
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	1000ng/ml
N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	1000ng/ml
Sodium perfluoro-1-[2,3,4- ¹³ C ₃]butanesulfonate	M3PFBS	1000ng/ml
Sodium perfluoro-1-[1,2,3- ¹³ C ₃]hexanesulfonate	M3PFHxS	1000ng/ml
Sodium perfluoro-[¹³ C ₈]octanesulfonate (>97%)	M8PFOS	1000ng/ml
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-hexane sulfonate	M2-4:2FTS	1000ng/ml
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-decane sulfonate	M2-6:2FTS	1000ng/ml
N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid	M2-8:2FTS	1000ng/ml

Catalogue Number	Product (methanol <1% water)	Qty/Conc
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用 EPA-533ES	EPA Method 533 Isotope Dilution Standard PDS	1.2 ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]butanoic acid	MPFBA	500ng/ml
Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]pentanoic acid	M5PFPeA	500ng/ml
Perfluoro-n-[1,2,3,4,6- ¹³ C ₆]hexanoic acid	M5PFHxA	500ng/ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]heptanoic acid	M4PFHpA	500ng/ml
Perfluoro-n-[¹³ C ₈]octanoic acid	M8PFOA	500ng/ml
Perfluoro-n-[¹³ C ₉]nonanoic acid	M9PFNA	500ng/ml
Perfluoro-n-[1,2,3,4,5,6- ¹³ C ₆]decanoic acid	M6PFDA	500ng/ml
Perfluoro-n-[1,2,3,4,5,6,7- ¹³ C ₇]undecanoic acid	M7PFUdA	500ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid	MPFDoA	500ng/ml
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)- ¹³ C ₃ -propanoic acid	M3HFPO-DA	500ng/ml
Sodium perfluoro-1-[2,3,4- ¹³ C ₃]butanesulfonate	M3PFBS	500ng/ml
Sodium perfluoro-1-[1,2,3- ¹³ C ₃]hexanesulfonate	M3PFHxS	500ng/ml
Sodium perfluoro-[¹³ C ₈]octanesulfonate (>97%)	M8PFOS	500ng/ml
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-hexane sulfonate	M2-4:2FTS	2000ng/ml
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-decane sulfonate	M2-6:2FTS	2000ng/ml
N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid	M2-8:2FTS	2000ng/ml

用 EPA-533IS	EPA Method 533 Isotope Performance Standard PDS	1.2 ml
Perfluoro-n-[2,3,4- ¹³ C ₃]butanoic acid	M3PFBA	1000ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]octanoic acid	M2PFOA	1000ng/ml
Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfonate	MPFOS	3000ng/ml

NOTE:Listed concentrations are reported as the salt.

用 第一種特定化学物質

MIXED MASS-LABELLED PFAS: SOLUTION/MIXTURES

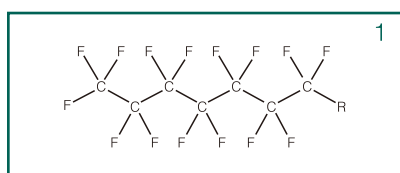
Catalogue Number	Product (methanol <1% water)	Qty/Conc
NEW 用 ISO 21675-LSS	ISO 21675:2019 Labelled Stock Solution	1.2 ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]butanoic acid	MPFBA	100ng/ml
Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]pentanoic acid	M5PFPeA	100ng/ml
Perfluoro-n-[1,2,3,4,6- ¹³ C ₅]hexanoic acid	M5PFHxA	100ng/ml
Perfluoro-n-[1,2,3,4- ¹³ C ₄]heptanoic acid	M4PFHpA	100ng/ml
Perfluoro-n-[¹³ C ₈]octanoic acid	M8PFOA	100ng/ml
Perfluoro-n-[¹³ C ₉]nonanoic acid	M9PFNA	100ng/ml
Perfluoro-n-[1,2,3,4,5,6- ¹³ C ₆]decanoic acid	M6PFDA	100ng/ml
Perfluoro-n-[1,2,3,4,5,6,7- ¹³ C ₇]undecanoic acid	M7PFUdA	100ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid	MPFDoA	100ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]tetradecanoic acid	M2PFTeDA	100ng/ml
Perfluoro-n-[1,2- ¹³ C ₂]hexadecanoic acid	M2PFHxDA	100ng/ml
Perfluoro-1-[¹³ C ₈]octanesulfonamide	M8FOSA	100ng/ml
N-methyl-d3-perfluoro-1-octanesulfonamide	d-N-MeFOSA	100ng/ml
N-ethyl-d5-perfluoro-1-octanesulfonamide	d-N-EtFOSA	100ng/ml
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	100ng/ml
N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	100ng/ml
2H-Perfluoro-[1,2- ¹³ C ₂]-2-decenoic acid	MFOUEA	100ng/ml
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)- ¹³ C ₃ -propanoic acid	M3HFPO-DA	100ng/ml
Sodium perfluoro-1-[2,3,4- ¹³ C ₃]butanesulfonate	M3PFBS	100ng/ml
Sodium perfluoro-1-hexane[¹⁸ O ₂]sulfonate	MPFHxS	100ng/ml
Sodium perfluoro-[¹³ C ₈]octanesulfonate	M8PFOS	100ng/ml
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-octane sulfonate	M2-6:2FTS	100ng/ml
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-decane sulfonate	M2-8:2FTS	100ng/ml
Sodium bis(1H,1H,2H,2H-[1,2- ¹³ C ₂]perfluorodecyl)phosphate	M4-8:2diPAP	100ng/ml

NOTE: Listed concentrations are reported as the salt.

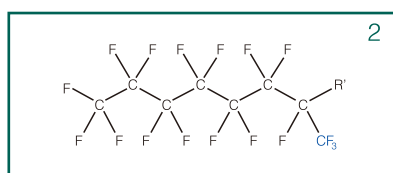
用 第一種特定化学物質

PFOS/PFOA ISOMERS

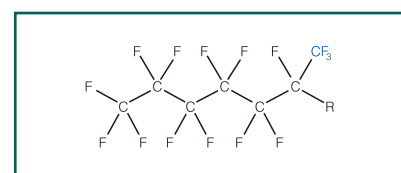
Catalogue Number	Product (methanol solution)	Qty/Conc	
P1MHpS	Perfluoro-1-methylheptane sulfonate	200µl	1.00 µg/ml
P3MHpS	Perfluoro-3-methylheptane sulfonate	200µl	1.00 µg/ml
	Perfluoro-3-methylheptanoic acid		1.90 µg/ml
P4MHpS	Perfluoro-4-methylheptane sulfonate	200µl	1.00 µg/ml
	Perfluoro-4-methylheptanoic acid		2.20 µg/ml
P5MHpS	Perfluoro-5-methylheptane sulfonate	200µl	1.00 µg/ml
	Perfluoro-5-methylheptanoic acid		1.96 µg/ml
P6MHpS	Perfluoro-6-methylheptane sulfonate	200µl	1.00 µg/ml
	Perfluoro-6-methylheptanoic acid		3.10 µg/ml
P55DMHxS	Perfluoro-5,5-dimethylhexane sulfonate	200µl	1.00 µg/ml
	Perfluoro-5,5-dimethylhexanoic acid		1.95 µg/ml
P45DMHxS	Perfluoro-4,5-dimethylhexane sulfonate	200µl	1.00 µg/ml
	Perfluoro-4,5-dimethylhexanoic acid		1.22 µg/ml
	Perfluoro-3,5-dimethylhexane sulfonate		0.50 µg/ml
	Perfluoro-3,5-dimethylhexanoic acid		0.60 µg/ml



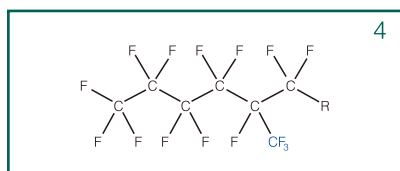
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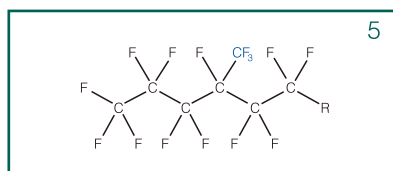
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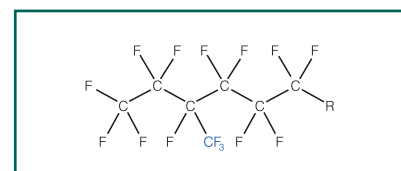
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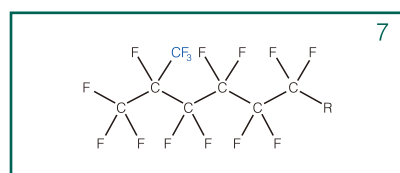
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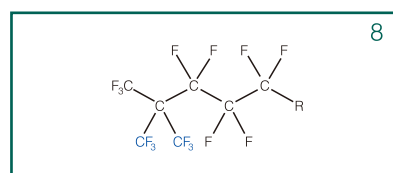
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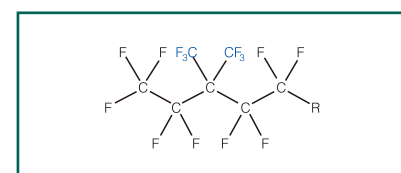
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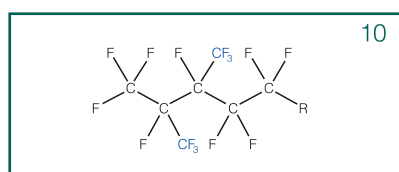
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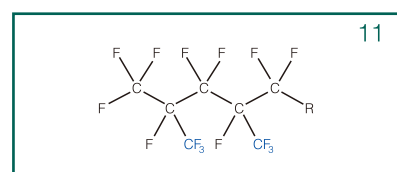
Perfluoro-5,5-dimethyl-



Perfluoro-4,4-dimethyl-



Perfluoro-4,5-methyl-



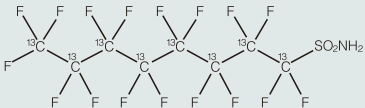
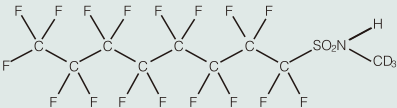
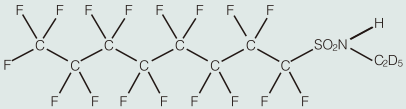
Perfluoro-3,5-dimethyl-

NOTE: R=CO₂⁻ and CF₂SO₃⁻ except for Isomer 2 where R'=SO₃⁻ only

NATIVE PERFLUOROOCTANESULFONAMIDES (FOSAs)

Catalogue Number	Product	Qty/Conc	
FBsA-I	Perfluoro-1-butanefulfonamide in isopropanol	1.2 ml	50 µg/ml
FHxSA-I	Perfluoro-1-hexanesulfonamide in isopropanol	1.2 ml	50 µg/ml
FOSA-I	Perfluoro-1-octanesulfonamide in isopropanol	1.2 ml	50 µg/ml
FDSA-I	Perfluoro-1-decanesulfonamide in isopropanol	1.2 ml	50 µg/ml
N-MeFBSA-M	N-methylperfluoro-1-butanefulfonamide in methanol	1.2 ml	50 µg/ml
N-MeFOSA-M	N-methylperfluoro-1-octanesulfonamide in methanol	1.2 ml	50 µg/ml
N,N-Me2FOSA-M	N,N-dimethylperfluoro-1-octanesulfonamide in methanol	1.2 ml	50 µg/ml
N-EtFOSA-M	N-ethylperfluoro-1-octanesulfonamide in methanol	1.2 ml	50 µg/ml

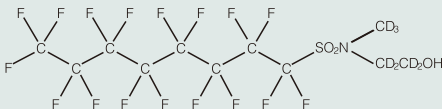
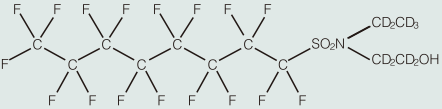
MASS-LABELLED PERFLUOROOCTANESULFONAMIDES

Catalogue Number	Product
M8FOSA-I	 Perfluoro-1-[¹³C₈]octanesulfonamide 1.2 ml; 50 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 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 µg/ml (±2.5 µg/ml); in methanol >99% linear; 98% ²H₅

NATIVE PERFLUOROOCTANESULFONAMIDOETHANOLS (FOSEs)

Catalogue Number	Product (methanol solution)	Qty/Conc	
N-MeFOSE-M	2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	1.2 ml	50 µg/ml
N-EtFOSE-M	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1.2 ml	50 µg/ml

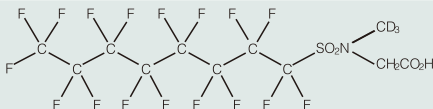
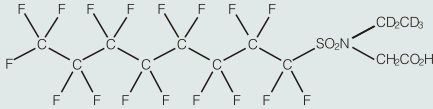
MASS-LABELLED PERFLUOROOCTANESULFONAMIDOETHANOLS

Catalogue Number	Product
d7-N-MeFOSE-M	 2-(N-methyl-d₃-perfluoro-1-octane - sulfonamido)ethan-d₄-ol 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; 98% ²H₇
d9-N-EtFOSE-M	 2-(N-ethyl-d₅-perfluoro-1-octane - sulfonamido)ethan-d₄-ol 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol >99% linear; 98% ²H₉

NATIVE PERFLUOROOCTANESULFONAMIDOACETIC ACIDS (FOSAAs)

Catalogue Number	Product (methanol solution)	Qty/Conc	
FOSAA	Perfluoro-1-octanesulfonamidoacetic acid	1.2 ml	50 µg/ml
N-MeFOSAA	N-methylperfluoro-1-octanesulfonamidoacetic acid	1.2 ml	50 µg/ml
br-NMeFOSAA	N-methylperfluoro-1-octanesulfonamidoacetic acid isomeric mixture	1.2 ml	50 µg/ml
N-EtFOSAA	N-ethylperfluoro-1-octanesulfonamidoacetic acid	1.2 ml	50 µg/ml
br-NEtFOSAA	N-ethylperfluoro-1-octanesulfonamidoacetic acid isomeric mixture	1.2 ml	50 µg/ml

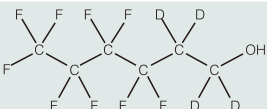
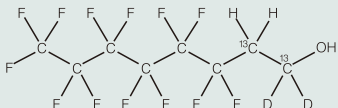
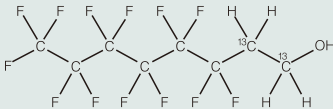
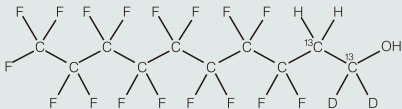
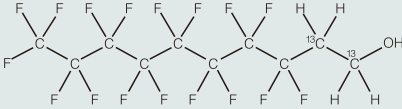
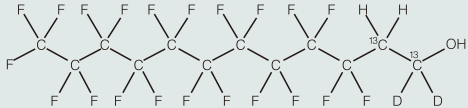
MASS-LABELLED PERFLUOROOCETANESULFONAMIDOACETIC ACIDS

Catalogue Number	Product
d3-N-MeFOSAA 	N-methyl-d ₃ -perfluoro-1-octane - sulfonamidoacetic acid 1.2 ml; 50 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 µg/ml (±2.5 µg/ml); in methanol >99% linear; 98% ² H ₅

NATIVE TELOMER ALCOHOLS (FTOHs)

Catalogue Number	Product (methanol solution)	Qty/Conc
FBET	2-Perfluorobutyl ethanol (4:2)	1.2 ml 50 µg/ml
5:2sFTOH	1-Perfluoropentyl ethanol (5:2 secondary)	1.2 ml 50 µg/ml
FHET	2-Perfluorohexyl ethanol (6:2)	1.2 ml 50 µg/ml
7:2sFTOH	1-Perfluoroheptyl ethanol (7:2 secondary)	1.2 ml 50 µg/ml
FOET	2-Perfluorooctyl ethanol (8:2)	1.2 ml 50 µg/ml
FDET	2-Perfluorodecyl ethanol (10:2)	1.2 ml 50 µg/ml

MASS-LABELLED TELOMER ALCOHOLS

Catalogue Number	Product
MFBET 	2-Perfluorobutyl-[1,1,2,2- ² H ₄]-ethanol (4:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; > 98% 1,1,2,2- ² H ₄
MFHET 	2-Perfluorohexyl-[1,1- ² H ₂]-[1,2- ¹³ C ₂]-ethanol (6:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; 98% 1,1- ² H ₂ , >99% 1,2- ¹³ C ₂
M2FHET 	2-Perfluorohexyl- [1,2- ¹³ C ₂]-ethanol (6:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; >99% 1,2- ¹³ C ₂
MFOET 	2-Perfluorooctyl-[1,1- ² H ₂]-[1,2- ¹³ C ₂]-ethanol (8:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; 98% 1,1- ² H ₂ , >99% 1,2- ¹³ C ₂
M2FOET 	2-Perfluorooctyl- [1,2- ¹³ C ₂]-ethanol (8:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; >99% 1,2- ¹³ C ₂
MFDET 	2-Perfluorodecyl-[1,1- ² H ₂]-[1,2- ¹³ C ₂]-ethanol (10:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; 98% 1,1- ² H ₂ , >99% 1,2- ¹³ C ₂

NATIVE TELOMER ACIDS (FTAs)

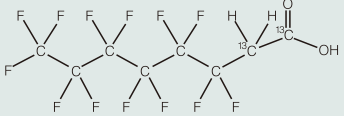
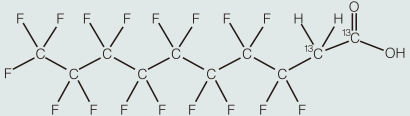
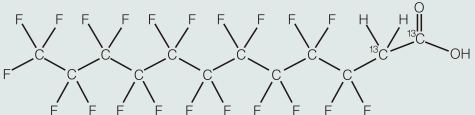
Catalogue Number	Product (isopropanol solution)	Qty/Conc	
FHEA	2-Perfluorohexyl ethanoic acid (6:2)	1.2 ml	50 µg/ml
FOEA	2-Perfluorooctyl ethanoic acid (8:2)	1.2 ml	50 µg/ml
FDEA	2-Perfluorodecyl ethanoic acid (10:2)	1.2 ml	50 µg/ml

Catalogue Number	Product (methanol solution)	Qty/Conc	
FPrPA	3-Perfluoropropyl propanoic acid (3:3)	1.2 ml	50 µg/ml
FPePA	3-Perfluoropentyl propanoic acid (5:3)	1.2 ml	50 µg/ml
FHpPA	3-Perfluoroheptyl propanoic acid (7:3)	1.2 ml	50 µg/ml

NATIVE TELOMER 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)	2 µg/ml
	2-Perfluorooctyl ethanoic acid (8:2)	2 µg/ml
	2-Perfluorodecyl ethanoic acid (10:2)	2 µg/ml

MASS-LABELLED TELOMER ACIDS

Catalogue Number	Product
MFHEA 	2-Perfluorohexyl-[1,2- ¹³ C ₂]-ethanoic acid (6:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in isopropanol ; >99% ¹³ C ₂
MFOEA 	2-Perfluorooctyl-[1,2- ¹³ C ₂]-ethanoic acid (8:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in isopropanol ; >99% ¹³ C ₂
MFDEA 	2-Perfluorodecyl-[1,2- ¹³ C ₂]-ethanoic acid (10:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in isopropanol ; >99% ¹³ C ₂

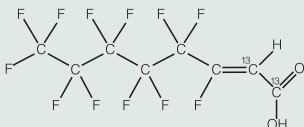
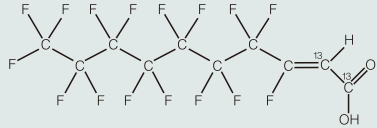
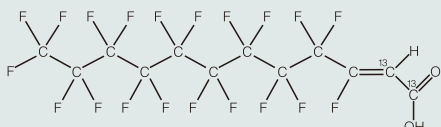
MASS-LABELLED TELOMER ACIDS: SOLUTION/MIXTURE

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)	2 µg/ml
	2-Perfluorooctyl -[1,2- ¹³ C ₂]-ethanoic acid (8:2)	2 µg/ml
	2-Perfluorodecyl -[1,2- ¹³ C ₂]-ethanoic acid (10:2)	2 µg/ml

NATIVE UNSATURATED TELOMER ACIDS (FTUAs)

Catalogue Number	Product (isopropanol solution)	Qty/Conc	
FHUEA	2H-Perfluoro-2-octenoic acid (6:2)	1.2 ml	50 µg/ml
FOUEA	2H-Perfluoro-2-decenoic acid (8:2)	1.2 ml	50 µg/ml
FDUEA	2H-Perfluoro-2-dodecenoic acid (10:2)	1.2 ml	50 µg/ml

MASS-LABELLED UNSATURATED TELOMER ACIDS

Catalogue Number	Product
MFHUEA	 2H-Perfluoro-[1,2- ¹³ C ₂]-2-octenoic acid (6:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in isopropanol ; > 99% ¹³ C ₂
MFOUEA	 2H-Perfluoro-[1,2- ¹³ C ₂]-2-decenoic acid (8:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in isopropanol ; >99% ¹³ C ₂
MFDUEA	 2H-Perfluoro-[1,2- ¹³ C ₂]-2-dodecenoic acid (10:2) 1.2 ml; 50 µg/ml (±2.5 µg/ml); in isopropanol ; >99% ¹³ C ₂

NATIVE CHLOROPERFLUOROETHER SULFONATES (CI-PFESAs)

Catalogue Number	Product (methanol solution)	Qty/Conc
9CI-PF3ONS	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	1.2 ml 50 µg/ml
11CI-PF3OUdS	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	1.2 ml 50 µg/ml

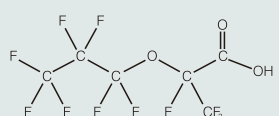
NATIVE POLYFLUOROETHER CARBOXYLATES (PFECAs)

Catalogue Number	Product (methanol solution)	Qty/Conc
NaDONA	Sodium dodecafluoro-3H-4,8-dioxanonoate	1.2 ml 50 µg/ml
PF4OPeA	Perfluoro-4-oxapentanoic acid (PFMPA)	1.2 ml 50 µg/ml
PF5OHxA	Perfluoro-5-oxahexanoic acid (PFMBA)	1.2 ml 50 µg/ml
3,6-OPFHpA	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.2 ml 50 µg/ml

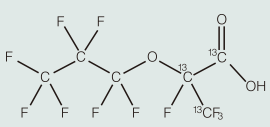
NATIVE POLYFLUOROETHER SULFONATES (PFESAs)

Catalogue Number	Product (methanol solution)	Qty/Conc
PFEESA	Potassium perfluoro(2-ethoxyethane)sulfonate	1.2 ml 50 µg/ml

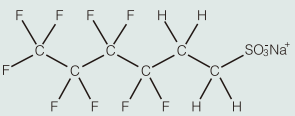
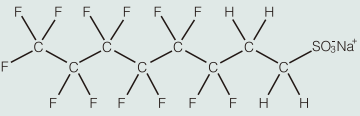
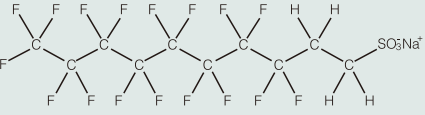
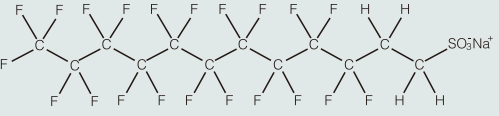
NATIVE HEXAFLUOROPROPYLENE OXIDE DIMER ACID

Catalogue Number	Product
HFPO-DA	 2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol

MASS-LABELLED HEXAFLUOROPROPYLENE OXIDE DIMER ACID

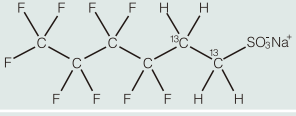
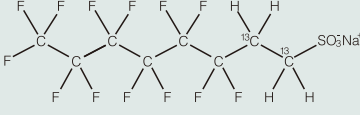
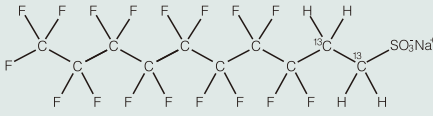
Catalogue Number	Product
M3HFPO-DA	 2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)- ¹³ C ₃ -propanoic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol

NATIVE TELOMER SULFONATES(FTSs)

Catalogue Number	Product
4:2FTS 	Sodium 1H,1H,2H,2H,-perfluorohexane sulfonate (4:2) 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
6:2FTS 	Sodium 1H,1H,2H,2H,-perfluorooctane sulfonate (6:2) 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
8:2FTS 	Sodium 1H,1H,2H,2H,-perfluorodecane sulfonate (8:2) 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
10:2FTS 	Sodium 1H,1H,2H,2H-perfluorododecane sulfonate (10:2) 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol

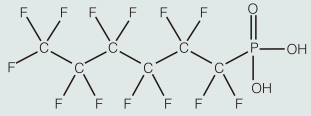
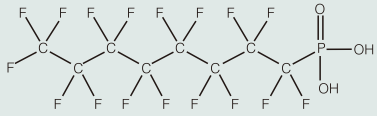
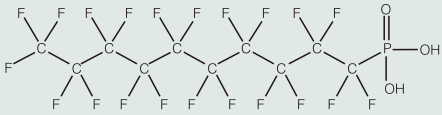
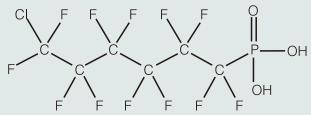
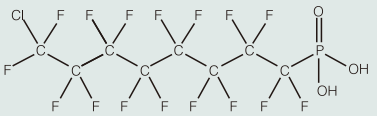
NOTE:Listed concentrations are reported as the salt.

MASS-LABELLED TELOMER SULFONATES (FTSs)

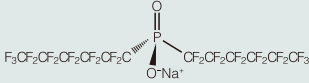
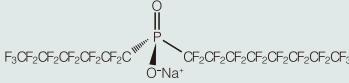
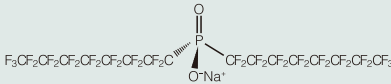
Catalogue Number	Product
M2-4:2FTS 	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-hexane sulfonate (4:2) 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
M2-6:2FTS 	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-octane sulfonate (6:2) 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
M2-8:2FTS 	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2- ¹³ C ₂]-decane sulfonate (8:2) 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol

NOTE:Listed concentrations are reported as the salt.

NATIVE PERFLUOROALKYLPHOSPHONIC ACIDS (PFAPAs)

Catalogue Number	Product
PFHxPA 	Perfluorohexylphosphonic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ;
PFOPA 	Perfluorooctylphosphonic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ;
PFDPA 	Perfluorodecylphosphonic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ;
Cl-PFHxPA 	6-Chloroperfluorohexylphosphonic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ;
Cl-PFOPA 	8-Chloroperfluorooctylphosphonic acid 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ;

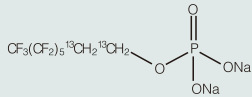
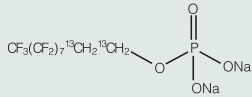
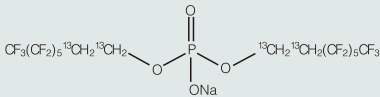
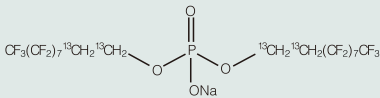
NATIVE SODIUM PERFLUOROALKYL PHOSPHINATES (X:XPFPi)

Catalogue Number	Product	
6:6 PFPi		Sodium bis(perfluorohexyl)phosphinate 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
6:8 PFPi		Sodium perfluorohexylfluorooctylphosphinate 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
8:8 PFPi		Sodium bis(perfluorooctyl)phosphinate 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol

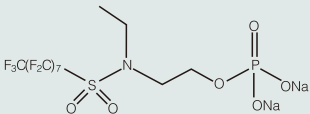
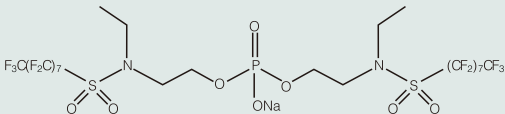
NATIVE POLYFLUORINATED PHOSPHATE ESTERS (PAPs and diPAPs)

Catalogue Number	Product (methanol solution)	Qty/Conc	
6:2PAP	Sodium 1H,1H,2H,2H-perfluorooctylphosphate	1.2 ml	50 µg/ml
8:2PAP	Sodium 1H,1H,2H,2H-perfluorodecylphosphate	1.2 ml	50 µg/ml
6:2diPAP	Sodium bis(1H,1H,2H,2H-perfluorooctyl)phosphate	1.2 ml	50 µg/ml
6:2/8:2diPAP	Sodium (1H,1H,2H,2H-perfluorooctyl-1H,1H,2H,2H-perfluorodecyl)phosphate	1.2 ml	50 µg/ml
8:2diPAP	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate	1.2 ml	50 µg/ml

MASS-LABELLED POLYFLUORINATED PHOSPHATE ESTERS (M2-PAPs and M4-diPAPs)

Catalogue Number	Product	
M2-6:2PAP		Sodium 1H,1H,2H,2H-[1,2- ¹³ C ₂]perfluorooctylphosphate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; >99% ¹³ C ₂
M2-8:2PAP		Sodium 1H,1H,2H,2H-[1,2- ¹³ C ₂]perfluorodecylphosphate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; >99% ¹³ C ₂
M4-6:2diPAP		Sodium bis(1H,1H,2H,2H-[1,2- ¹³ C ₂]perfluorooctyl)- phosphate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; >99% ¹³ C ₄
M4-8:2diPAP		Sodium bis(1H,1H,2H,2H-[1,2- ¹³ C ₂]perfluorodecyl)- phosphate 1.2 ml; 50 µg/ml (±2.5 µg/ml); in methanol ; >99% ¹³ C ₄

NATIVE POLYFLUORINATED PHOSPHATE ESTERS (SAmPAPs)

Catalogue Number	Product	
SAmPAP		Sodium 2-(N-ethylperfluorooctane-1 - sulfonamido)ethyl phosphate 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol
diSAmPAP		Sodium bis-[2-(N-ethylperfluorooctane-1 - sulfonamido)ethyl] phosphate 1.2 ml x 50 µg/ml (±2.5µg/ml); in methanol

NATIVE TELOMER ACRYLATES (X:2FTAcr)

Catalogue Number	Product (isooctane solution)	Qty/Conc	
8:2FTAcr	1H,1H,2H,2H-Perfluorodecyl acrylate	1.2 ml	50 µg/ml
10:2FTAcr	1H,1H,2H,2H-Perfluorododecyl acrylate (97%)	1.2 ml	50 µg/ml

NATIVE TELOMER ACETATES (X:2FTOAc)

Catalogue Number	Product (isooctane solution)	Qty/Conc	
8:2FTOAc	1H,1H,2H,2H-Perfluorodecyl acetate	1.2 ml	50 µg/ml
10:2FTOAc	1H,1H,2H,2H-Perfluorododecyl acetate	1.2 ml	50 µg/ml

NATIVE AFFF PFAS

Catalogue Number	Product (methanol solution)	Qty/Conc	
N-AP-FHxSA	1H,1H,2H,2H-Perfluorododecyl acetate	1.2 ml	50 µg/ml
N-TAmP-FHxSA	N-[3-(perfluoro-1-hexanesulfonamido)propan-1-yl]-N,N,N-trimethylammonium	1.2 ml	50 µg/ml
N-CMAmP-6:2FOSA	N-(carboxymethyl)-N,N-dimethyl-N-[3-(1H,1H,2H,2H-perfluoro-1-octanesulfonamido)propan-1-yl]ammonium (6:2FTAB)	1.2 ml	50 µg/ml
5:3FTB	2-[(4,4,5,5,6,6,7,7,8,8,8-Undecafluorooctyl)dimethylammonio]acetate	1.2 ml	50 µg/ml
5:1:2FTB	2-[(3,4,4,5,5,6,6,7,7,8,8,8-Dodecafluorooctyl)dimethylammonio]acetate	1.2 ml	50 µg/ml

用途確認書について

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本カタログ掲載品中の第一種特定化学物質該当製品

• PFC-CVS-C	P1	• M8PFOA	P6
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• MPFAC-C-IS	P2	• PFAC-MXB	P7
• PFAC-MXC	P2	• EU-5813-NSS	P7
• L-PFOS	P3	• MPFAC-MXA	P8
• L-PFOSK	P3	• PFAC-24PAR	P8
• PFS-MXA	P3	• PFAC-30PAR	P9
• br-PFOSK	P3	• EPA-537PDS-R1	P10
• T-PFOS	P3	• EPA-537PDSL-R1	P10
• MPFOS	P4	• EPA-533PAR	P11
• M8PFOS	P4	• ISO 21675-NSS	P12
• PFOA	P4	• EPA-537IS	P13
• PFAC-MXA	P5	• MPFAC-24ES	P13
• T-PFOA	P5	• EPA-533ES	P13
• M2PFOA	P6	• EPA-533IS	P13
• MPFOA	P6	• ISO 21675-LSS	P14

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