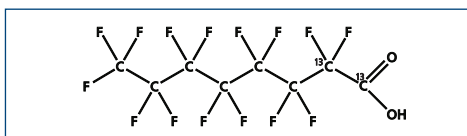




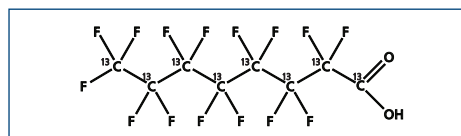
NEW PRODUCTS

New Mass Labelled PFOA Reference Standards

Interest in the analysis of perfluoroalkyl compounds (PFACs) as contaminants in the environment has increased dramatically in the last 5 years. The analytical methods have been able to evolve with the introduction of native and mass-labelled standards. The degree of sophistication in the analytical procedure could further increase if laboratories had different surrogate standards available for use as an extraction standard, a recovery standard, and a field spike within one method. **Wellington** is now introducing two additional mass-labelled PFOA standards, **M8PFOA** and **M2PFOA**, in order to provide analytical laboratories with an expanded selection of PFOA surrogates for use in their analyses.



Perfluoro-n-[1,2-¹³C₂]octanoic acid



Perfluoro-n-[¹³C₈]octanoic acid

MASS-LABELLED PERFLUOROCTANOIC ACIDS

	Catalogue Number	Product (methanol solution)	Qty/Conc
NEW	M2PFOA	Perfluoro-n-[1,2- ¹³ C ₂]octanoic acid	1.2 ml 50 µg/ml
	MPFOA	Perfluoro-n-[1,2,3,4- ¹³ C ₄]octanoic acid	1.2 ml 50 µg/ml
NEW	M8PFOA	Perfluoro-n-[¹³ C ₈]octanoic acid	1.2 ml 50 µg/ml

Also, in response to customer inquiries, **Wellington** has now prepared various solution mixtures of native and mass-labelled PFACs. The components and concentrations of **PFAC-MXA**, **PFAC-MXB**, **MPFAC-MXA**, **FTA-MXA**, and **MFTA-MXA** are shown on the next two pages.

PFAC-MXA

Catalogue Number	Product (methanol solution)	Qty/Conc
PFAC MXA	Native PFCA and PFAS Solution/Mixture	1.2 ml
	Perfluoro-n-butanoic acid	5 µg/ml
	Perfluoro-n-pentanoic acid	5 µg/ml
	Perfluoro-n-hexanoic acid	5 µg/ml
	Perfluoro-n-heptanoic acid	5 µg/ml
	Perfluoro-n-octanoic acid	5 µg/ml
	Perfluoro-n-nonanoic acid	5 µg/ml
	Perfluoro-n-decanoic acid	5 µg/ml
	Potassium perfluoro-1-butanefluorobutanesulfonate	5 µg/ml
	Sodium perfluoro-1-hexanesulfonate	5 µg/ml
	Sodium perfluoro-1-octanesulfonate	5 µg/ml

PFAC-MXB

Catalogue Number	Product (methanol solution)	Qty/Conc
PFAC MXB	Native PFCA and PFAS 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
	Perfluoro-n-hexadecanoic acid	2 µg/ml
	Perfluoro-n-octadecanoic acid	2 µg/ml
	Potassium perfluoro-1-butanefluorobutanesulfonate	2 µg/ml
	Sodium perfluoro-1-hexanesulfonate	2 µg/ml
	Sodium perfluoro-1-octanesulfonate	2 µg/ml
	Sodium perfluoro-1-decanesulfonate	2 µg/ml

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



MPFAC-MXA

Catalogue Number	Product (methanol solution)	Qty/Conc
MPFAC MXA	Mass-Labelled PFCA and PFAS Solution/Mixture	1.2 ml
	Perfluoro-n-[1,2,3,4- ¹³ C ₄]butanoic acid	2 µg/ml
	Perfluoro-n-[1,2- ¹³ C ₂]hexanoic acid	2 µg/ml
	Perfluoro-n-[1,2,3,4- ¹³ C ₄]octanoic acid	2 µg/ml
	Perfluoro-n-[1,2,3,4,5- ¹³ C ₅]nonanoic acid	2 µg/ml
	Perfluoro-n-[1,2- ¹³ C ₄]decanoic acid	2 µg/ml
	Perfluoro-n-[1,2- ¹³ C ₂]undecanoic acid	2 µg/ml
	Perfluoro-n-[1,2- ¹³ C ₂]dodecanoic acid	2 µg/ml
	Sodium perfluoro-1-hexane[¹⁸ O ₂]sulfonate	2 µg/ml
	Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfonate	2 µg/ml

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

FTA-MXA

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

MFTA-MXA

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

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