WELLINGTON Reporter
PRODUCT UPDATES FROM WELLINGTON LABORATORIES
July 2025

NEW PRODUCTS

U.S. FDA Method C-010.03 Solution/Mixtures

FDA-30MX, FDA-12MPFAS, M2FTS-MXA

In 2024, the U.S. FDA updated their analytical method for the determination of per- and polyfluoroalkyl substances (PFAS) in food to include an additional 14 analytes and extend its validation to include feed samples. The current method, C-010.03, can now be used for the quantitation of 30 PFAS analytes in a variety of matrices including, but not limited to, bread, lettuce, salmon, and silage, using solid phase extraction and LC-MS/MS analysis. **Wellington** is pleased to announce the release of new solution/mixtures that were designed for use with method C-010.03.

FDA-30MX contains all 30 native PFAS analytes listed in the method and can be diluted to prepare the calibration solutions and single laboratory validation spikes. The concentration of **FDA-30MX**, 1000 ng/mL, eliminates the need for the initial dilution step required by the method.

FDA-12MPFAS contains 12 of the isotopically labelled PFAS analytes listed in the method (it does not include mass-labelled fluorotelomer sulfonates), and can be diluted to prepare the surrogate stock solution used for calibration solutions and sample spikes.

In addition, **Wellington** has prepared a solution/mixture of our mass-labelled fluorotelomer sulfonates that can be diluted for use with method C-010.03 and other PFAS analytical methods. **M2FTS-MXA** contains the $^{13}C_2$-labelled analogues of **4:2FTS**, **6:2FTS**, **8:2FTS**, and **10:2FTS**. **Wellington** also provides a certified reference standard solution for N-ethyl-d_5-perfluoro-1-octanesulfonamidoacetic acid (**d5-N-EtFOSAA**) that can be used to prepare the internal standard solution required by method C-010.03.

	Catalogue Number	Product (methanol)		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*

Catalogue Number	Product (methanol)	Qty	Conc
d5-N-EtFOSAA	N-Ethyl-d_5-perfluoro-1-octanesulfonamidoacetic acid	1.2 mL	50.0 µg/mL

* Listed concentration is reported as the salt.

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	Catalogue Number	Product (methanol)		Qty/Conc
NEW	**FDA-30MX**	**U.S. FDA Method C-010.03 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		PFTrDA	1000 ng/mL
	Perfluoro-n-tetradecanoic acid		PFTeDA	1000 ng/mL
	Perfluoro-1-octanesulfonamide		FOSA	1000 ng/mL
	rac-2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoroproproxy)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-PFTrDS	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-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*
NEW	**FDA-12MPFAS**	**U.S. FDA Method C-010.03 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
	rac-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*

* Listed concentration is reported as the salt.