WELLINGTON Reporter
PRODUCT UPDATES FROM WELLINGTON LABORATORIES
September 26, 2024

NEW PRODUCT

Mass-Labelled Fluorotelomer Sulfonate

M2-10:2FTS

In recent years, restrictions on the use of perfluorooctanesulfonic acid (PFOS) has led to the use of fluorotelomer sulfonates (FTS) in many industrial and commercial applications. Unfortunately, studies have indicated that this alternative class of PFAS may have similar persistence, bioaccumulation potential, and toxicity. Wide-spread use of FTS in aqueous film-forming foams (AFFFs), surface treatment agents, and mist suppressant products has resulted in higher levels being measured in contaminated soil and drinking water. As landfill leachate containing FTS enters the environment, it has been shown that other PFAS, such as perfluoroalkylcarboxylic acids, are formed through biotransformation which further increases the importance of environmental monitoring. As a result, analytical PFAS reference methods now often include FTS in their analyte list.

To facilitate the quantitative analysis of **10:2FTS**, **Wellington** has prepared a certified mass-labelled reference standard for this compound (**M2-10:2FTS**) that complements our existing selection of native and mass-labelled fluorotelomer sulfonates.

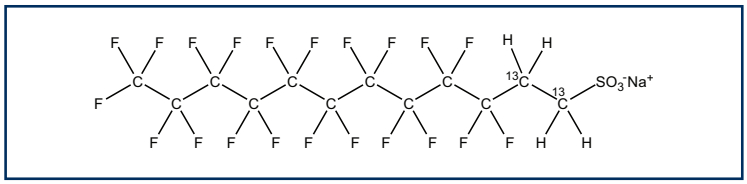
Native Fluorotelomer Sulfonates:

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

Mass-Labelled Fluorotelomer Sulfonates:

	Catalogue Number	Product (methanol)	Qty	Conc
	M2-4:2FTS	Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)hexane sulfonate	1.2 mL	50.0 µg/mL*
	M2-6:2FTS	Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)octane sulfonate	1.2 mL	50.0 µg/mL*
	M2-8:2FTS	Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)decane sulfonate	1.2 mL	50.0 µg/mL*
NEW	**M2-10:2FTS**	Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)dodecane sulfonate	1.2 mL	50.0 µg/mL*

* Listed concentration is reported as the salt.



Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)dodecane sulfonate

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