



April 6, 2018

NEW PRODUCTS

U.S. EPA Method 537 Analyte Primary Dilution Standard Solution/Mixtures & Linear/Branched Solution/Mixtures of N-MeFOSAA and N-EtFOSAA

The U.S. Environmental Protection Agency developed Method 537 (Version 1.1) for the determination of selected perfluorinated alkyl acids in drinking water by solid phase extraction and liquid chromatography/ tandem mass spectrometry (LC/MS/MS). This method requires the use of branched/linear isomer mixtures of PFHxS, PFOS, N-MeFOSAA, and N-EtFOSAA. However, until now, characterized branched/ linear mixtures of N-MeFOSAA and N-EtFOSAA were not commerically available. Therefore, in response to market demand, Wellington is pleased to annouce the development and release of linear/branched isomer mixtures of N-MeFOSAA (br-NMeFOSAA) and N-EtFOSAA (br-NEtFOSAA) which have been characterized as to their isomeric content by ¹⁹F NMR.

To facilitate the use of these new branched/linear standards according to EPA requirements, Wellington has also prepared two analyte primary dilution standard solutions for U.S. EPA Method 537. EPA-537PDS contains all of the native PFAS analytes required by Method 537 with PFHxS, PFOS, N-MeFOSAA, and N-EtFOSAA being present as linear/branched mixtures whereas EPA-537PDS-L contains only linear isomers of the same components.

NEW
NEW

Catalogue IV	umber Product (methanol)	Qty	Conc
br-NMeFOSAA	N-Methylperfluorooctanesulfonamidoacetic acid Isomeric Mixture	1.2 ml	50 μg/ml
br-NEtFOSAA	N-Ethylperfluorooctanesulfonamidoacetic acid Isomeric Mixture	1.2 ml	50 μg/ml

NEW NFW

Catalogue N	umber	Product (methanol)	Qty	Conc
EPA-537PDS	Analyte Prima	ry Dilution Standard (branched/linear mix)	1.2 ml	2.0 μg/ml ea
EPA-537PDS-L	Analyte Prima	ry Dilution Standard (linear isomers only)	1.2 ml	2.0 μg/ml ea
EPA-537SS	Surrogate Prim	nary Dilution Standard (SUR PDS)	1.2 ml	
	MPFHxA	Perfluoro-n-[1,2- ¹³ C ₂]hexanoic acid		1.0 µg/ml
	MPFDA	Perfluoro-n-[1,2-13C ₂]decanoic acid		1.0 µg/ml
	d5-N-EtFOSAA	N-ethyl-d ₅ -perfluoro-1-octanesulfonamidoacetic ad	id	4.0 μg/ml
EPA-537IS	Internal Stand	ard Primary Dilution Standard (IS PDS)	1.2 ml	
	M2PFOA	Perfluoro-n-[1,2- ¹³ C ₂]octanoic acid		1.0 µg/ml
	MPFOS	Sodium perfluoro-1-[1,2,3,4-13C ₄]octanesulfonate		3.0 µg/ml
	d3-N-MeFOSAA	$N-methyl-d_3-perfluoro-1-octane sulfonamido acetic\\$	acid	4.0 μg/ml



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LC/MS/MS Chromatograms





