WELLINGTON Reporter
PRODUCT UPDATES FROM WELLINGTON LABORATORIES

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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 ^{19}F 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.

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

	Catalogue Number	Product (methanol)		Qty	Conc
NEW	**EPA-537PDS**	**Analyte Primary Dilution Standard (branched/linear mix)**		1.2 ml	2.0 µg/ml ea
NEW	**EPA-537PDS-L**	**Analyte Primary Dilution Standard (linear isomers only)**		1.2 ml	2.0 µg/ml ea
	EPA-537SS	**Surrogate Primary 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-$^{13}C_2$]decanoic acid		1.0 µg/ml
		d5-N-EtFOSAA	N-ethyl-d_5-perfluoro-1-octanesulfonamidoacetic acid		4.0 µg/ml
	EPA-537IS	**Internal Standard 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-$^{13}C_4$]octanesulfonate		3.0 µg/ml
		d3-N-MeFOSAA	N-methyl-d_3-perfluoro-1-octanesulfonamidoacetic acid		4.0 µg/ml

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