



## NEW PRODUCTS

### Native & Mass-Labelled PFAS Solution/Mixtures Compatible with U.S. EPA Draft Method 1633

Wellington is pleased to support U.S. EPA Draft Method 1633 for the analysis of PFAS in aqueous, solid, biosolid, and tissue samples by releasing compatible prime stock solutions. To offer the greatest degree of flexibility with other applications, a series of native (**PFAC-MXF**, **PFAC-MXG**, **PFAC-MXH**, **PFAC-MXI**, and **PFAC-MXJ**) and mass-labelled (**MPFAC-HIF-ES** and **MPFAC-HIF-IS**) stock solutions have been prepared. These mixtures can be diluted and/or combined to achieve the spiking and calibration solutions recommended by the method.

Cat. No.	Product (methanol)	Qty/Conc
<b>NEW</b>	<b>MPFAC-HIF-ES Mass-Labelled PFAS Extraction Standard Solution/Mixture</b>	1.2 mL
	Perfluoro-n-( <sup>13</sup> C <sub>4</sub> )butanoic acid	MPFBA 2000 ng/mL
	Perfluoro-n-( <sup>13</sup> C <sub>5</sub> )pentanoic acid	M5PFPeA 1000 ng/mL
	Perfluoro-n-(1,2,3,4,6- <sup>13</sup> C <sub>5</sub> )hexanoic acid	M5PFHxA 500 ng/mL
	Perfluoro-n-(1,2,3,4- <sup>13</sup> C <sub>4</sub> )heptanoic acid	M4PFHpA 500 ng/mL
	Perfluoro-n-( <sup>13</sup> C <sub>8</sub> )octanoic acid	M8PFOA 500 ng/mL
	Perfluoro-n-( <sup>13</sup> C <sub>9</sub> )nonanoic acid	M9PFNA 250 ng/mL
	Perfluoro-n-(1,2,3,4,5,6- <sup>13</sup> C <sub>6</sub> )decanoic acid	M6PFDA 250 ng/mL
	Perfluoro-n-(1,2,3,4,5,6,7- <sup>13</sup> C <sub>7</sub> )undecanoic acid	M7PFUdA 250 ng/mL
	Perfluoro-n-(1,2- <sup>13</sup> C <sub>2</sub> )dodecanoic acid	MPFD <sub>o</sub> A 250 ng/mL
	Perfluoro-n-(1,2- <sup>13</sup> C <sub>2</sub> )tetradecanoic acid	M2PFTeDA 250 ng/mL
	Perfluoro-1-( <sup>13</sup> C <sub>8</sub> )octanesulfonamide	M8FOSA 500 ng/mL
	N-methyl-d <sub>3</sub> -perfluoro-1-octanesulfonamide	d-N-MeFOSA 500 ng/mL
	N-ethyl-d <sub>5</sub> -perfluoro-1-octanesulfonamide	d-N-EtFOSA 500 ng/mL
	N-methyl-d <sub>3</sub> -perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA 1000 ng/mL
	N-ethyl-d <sub>5</sub> -perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA 1000 ng/mL
	2-(N-methyl-d <sub>3</sub> -perfluoro-1-octanesulfonamido)ethan-d <sub>4</sub> -ol	d7-N-MeFOSE 5000 ng/mL
	2-(N-ethyl-d <sub>5</sub> -perfluoro-1-octanesulfonamido)ethan-d <sub>4</sub> -ol	d9-N-EtFOSE 5000 ng/mL
	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)( <sup>13</sup> C <sub>3</sub> )propanoic acid	M3HFPO-DA 2000 ng/mL
	Sodium perfluoro-1-(2,3,4- <sup>13</sup> C <sub>3</sub> )butanesulfonate	M3PFBS 500 ng/mL
	Sodium perfluoro-1-(1,2,3- <sup>13</sup> C <sub>3</sub> )hexanesulfonate	M3PFHxS 500 ng/mL
	Sodium perfluoro-1-( <sup>13</sup> C <sub>8</sub> )octanesulfonate	M8PFOS 500 ng/mL
	Sodium 1H,1H,2H,2H-perfluoro(1,2- <sup>13</sup> C <sub>2</sub> )hexanesulfonate	M2-4:2FTS 1000 ng/mL
	Sodium 1H,1H,2H,2H-perfluoro(1,2- <sup>13</sup> C <sub>2</sub> )octanesulfonate	M2-6:2FTS 1000 ng/mL
	Sodium 1H,1H,2H,2H-perfluoro(1,2- <sup>13</sup> C <sub>2</sub> )decanesulfonate	M2-8:2FTS 1000 ng/mL
<b>NEW</b>	<b>MPFAC-HIF-IS Mass-Labelled PFAS Injection Standard Solution/Mixture</b>	1.2 mL
	Perfluoro-n-(2,3,4- <sup>13</sup> C <sub>3</sub> )butanoic acid	M3PFBA 1000 ng/mL
	Perfluoro-n-(1,2- <sup>13</sup> C <sub>2</sub> )hexanoic acid	MPFHxA 500 ng/mL
	Perfluoro-n-(1,2,3,4- <sup>13</sup> C <sub>4</sub> )octanoic acid	MPFOA 500 ng/mL
	Perfluoro-n-(1,2,3,4,5- <sup>13</sup> C <sub>5</sub> )nonanoic acid	MPFNA 250 ng/mL
	Perfluoro-n-(1,2- <sup>13</sup> C <sub>2</sub> )decanoic acid	MPFDA 250 ng/mL
	Sodium perfluoro-1-hexane( <sup>18</sup> O <sub>2</sub> )sulfonate	MPFHxS 500 ng/mL
	Sodium perfluoro-1-(1,2,3,4- <sup>13</sup> C <sub>4</sub> )octanesulfonate	MPFOS 500 ng/mL

**NOTE:** Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.



Cat. No.	Product (methanol)	Qty/Conc	
<b>PFAC-MXF</b>	<b>Native Replacement PFAS Solution/Mixture</b>	1.2 mL	
	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA 2000 ng/mL	
	Sodium dodecafluoro-3H-4,8-dioxananoate	NaDONA 2000 ng/mL	
	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS 2000 ng/mL	
	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS 2000 ng/mL	
<b>PFAC-MXG</b>	<b>Native Perfluoroalkyl Ether Carboxylic Acids and Sulfonate Solution/Mixture</b>	1.2 mL	
	Perfluoro-4-oxapentanoic acid	PF4OPeA 2000 ng/mL	
	Perfluoro-5-oxahexanoic acid	PF5OHxA 2000 ng/mL	
	Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA 2000 ng/mL	
	Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA 2000 ng/mL	
<b>NEW</b>	<b>PFAC-MXH</b>	<b>Native PFAS Solution/Mixture</b>	1.2 mL
	Perfluoro-n-butanoic acid	PFBA 4000 ng/mL	
	Perfluoro-n-pentanoic acid	PFPeA 2000 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	
	N-methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA 1000 ng/mL	
	N-ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA 1000 ng/mL	
	Potassium perfluoro-1-butanedisulfonate	L-PFBS 1000 ng/mL	
	Sodium perfluoro-1-pentanesulfonate	L-PFPeS 1000 ng/mL	
	Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK 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-decanedisulfonate	L-PFDS 1000 ng/mL	
	Sodium perfluoro-1-dodecanedisulfonate	L-PFDoS 1000 ng/mL	
	Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS 4000 ng/mL	
	Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS 4000 ng/mL	
	Sodium 1H,1H,2H,2H-perfluorodecanedisulfonate	8:2FTS 4000 ng/mL	
<b>NEW</b>	<b>PFAC-MXI</b>	<b>Native N-Me/EtFOSA &amp; N-Me/EtFOSE Solution/Mixture</b>	1.2 mL
	N-methylperfluoro-1-octanesulfonamide	N-MeFOSA 1.00 µg/mL	
	N-ethylperfluoro-1-octanesulfonamide	N-EtFOSA 1.00 µg/mL	
	2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	N-MeFOSE 10.0 µg/mL	
	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	N-EtFOSE 10.0 µg/mL	
<b>NEW</b>	<b>PFAC-MXJ</b>	<b>Native X:3 Fluorotelomer Carboxylic Acid Solution/Mixture</b>	1.2 mL
	3-Perfluoropropyl propanoic acid	FPrPA 4.00 µg/mL	
	3-Perfluoropentyl propanoic acid	FPePA 20.0 µg/mL	
	3-Perfluoroheptyl propanoic acid	FHpPA 20.0 µg/mL	

**NOTE:** Listed concentrations for the perfluoroalkanesulfonates are reported as the salt.

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