

**NEW PRODUCTS****Updated PFAS Solution/Mixtures for U.S. EPA Methods**

Multiple U.S. EPA methods commonly used for the analysis of PFAS (e.g. 533, 537.1, and 8327) recommend quantitative standards containing mixtures of branched and linear isomers due to observed differences in ion response. To aid in the analysis of these compounds, **Wellington** has updated our current selection of mixed PFAS reference standards to include **EPA-533APDS**, **EPA-537APDS**, and **EPA-8327STK**. These solution/mixtures contain previously unavailable quantitative isomeric mixtures of PFOA and PFNA, as well as FOSA for **EPA-8327STK**, but are otherwise identical to our existing **EPA-533PAR**, **EPA-537PDS-R1**, and **PFAC-24PAR** products, respectively.

Catalogue Number	Product (methanol)	Qty/Conc
NEW EPA-533APDS	EPA Method 533 Native Analyte Primary Dilution Standard (br/linear mix)	1.2 mL
	Perfluoro-n-butanoic acid	PFBA 500 ng/mL
	Perfluoro-n-pentanoic acid	PFPeA 500 ng/mL
	Perfluoro-n-hexanoic acid	PFHxA 500 ng/mL
	Perfluoro-n-heptanoic acid	PFHpA 500 ng/mL
	Perfluorooctanoic acid (linear and branched isomers)	br-PFOA 500 ng/mL
	Perfluorononanoic acid (linear and branched isomers)	br-PFNA 500 ng/mL
	Perfluoro-n-decanoic acid	PFDA 500 ng/mL
	Perfluoro-n-undecanoic acid	PFUdA 500 ng/mL
	Perfluoro-n-dodecanoic acid	PFDoA 500 ng/mL
	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoroproxy)propanoic acid	HFPO-DA 500 ng/mL
	Perfluoro-4-oxapentanoic acid	PF4OPeA 500 ng/mL
	Perfluoro-5-oxahexanoic acid	PF5OHxA 500 ng/mL
	Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA 500 ng/mL
	Potassium perfluoro-1-butanefluorobutanesulfonate	L-PFBS 500 ng/mL*
	Sodium perfluoro-1-pentanesulfonate	L-PFPeS 500 ng/mL*
	Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK 500 ng/mL*
	Sodium perfluoro-1-heptanesulfonate	L-PFHpS 500 ng/mL*
	Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK 500 ng/mL*
	Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS 500 ng/mL*
	Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS 500 ng/mL*
	Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS 500 ng/mL*
	Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA 500 ng/mL*
	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS 500 ng/mL*
	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS 500 ng/mL*
	Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA 500 ng/mL*

* Listed concentration is reported as the salt.



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Visit our website (www.well-labs.com) for a complete listing of our new products.

Catalogue Number	Product (methanol)	Qty/Conc
NEW EPA-537APDS	EPA Method 537.1 Native Analyte Primary Dilution Standard (br/linear mix)	1.2 mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluorooctanoic acid (linear and branched isomers)	br-PFOA	2000 ng/mL
Perfluorononanoic acid (linear and branched isomers)	br-PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	2000 ng/mL
N-Methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	2000 ng/mL
N-Ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	2000 ng/mL
Potassium perfluoro-1-butanefluorobutanesulfonate	L-PFBS	2000 ng/mL*
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	2000 ng/mL*
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	2000 ng/mL*
Sodium dodecafluoro-3H-4,8-dioxanonanoate	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*
NEW EPA-8327STK	EPA Method 8327 Native PFAS Precision and Recovery Standard Stock	1.2 mL
Perfluoro-n-butanoic acid	PFBA	2000 ng/mL
Perfluoro-n-pentanoic acid	PFPeA	2000 ng/mL
Perfluoro-n-hexanoic acid	PFHxA	2000 ng/mL
Perfluoro-n-heptanoic acid	PFHpA	2000 ng/mL
Perfluorooctanoic acid (linear and branched isomers)	br-PFOA	2000 ng/mL
Perfluorononanoic acid (linear and branched isomers)	br-PFNA	2000 ng/mL
Perfluoro-n-decanoic acid	PFDA	2000 ng/mL
Perfluoro-n-undecanoic acid	PFUdA	2000 ng/mL
Perfluoro-n-dodecanoic acid	PFDoA	2000 ng/mL
Perfluoro-n-tridecanoic acid	PFTTrDA	2000 ng/mL
Perfluoro-n-tetradecanoic acid	PFTeDA	2000 ng/mL
Perfluorooctanesulfonamide (linear and branched isomers)	br-FOSA	2000 ng/mL
N-Methylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NMeFOSAA	2000 ng/mL
N-Ethylperfluorooctanesulfonamidoacetic acid (linear and branched isomers)	br-NEtFOSAA	2000 ng/mL
Potassium perfluoro-1-butanefluorobutanesulfonate	L-PFBS	2000 ng/mL*
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	2000 ng/mL*
Potassium perfluorohexanesulfonate (linear and branched isomers)	br-PFHxSK	2000 ng/mL*
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	2000 ng/mL*
Potassium perfluorooctanesulfonate (linear and branched isomers)	br-PFOSK	2000 ng/mL*
Sodium perfluoro-1-nonanesulfonate	L-PFNS	2000 ng/mL*
Sodium perfluoro-1-decanesulfonate	L-PFDS	2000 ng/mL*
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	2000 ng/mL*
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	2000 ng/mL*
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	2000 ng/mL*

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