



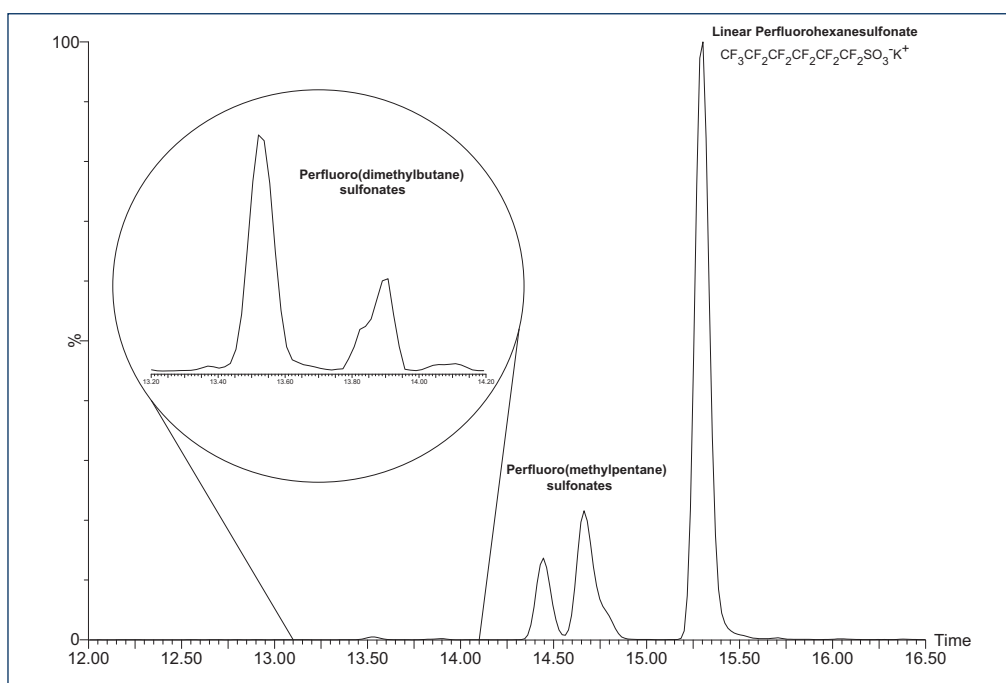
July 9, 2012

NEW PRODUCTS

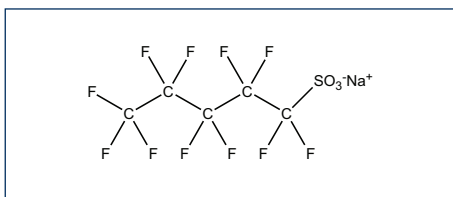
New Native Perfluoroalkanesulfonates

The number of certified reference standard solutions that are commercially available for use in the analysis of perfluorinated substances has grown substantially over the past 10 years, however the need for native standards still exists for one of the most prominent classes of perfluoroalkyl compounds: perfluoroalkanesulfonates. This is exemplified by the standard requirements of US EPA Method 537: 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 a perfluorohexanesulfonate (PFHxS) standard that contains both the branched and linear isomers and has a purity of greater than 96%. Until now, a fully characterized certified reference standard solution of PFHxS that meets these criteria has not been available.

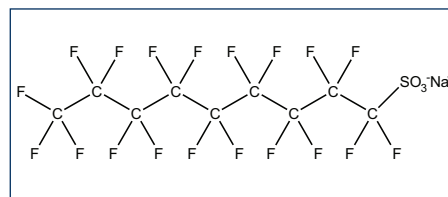
For this reason, **Wellington** has produced a perfluorohexanesulfonate standard (**br-PFHxSK**) with an isomeric composition that is representative of technical material (81% linear isomer and 19% branched isomers). This standard has a purity of $\geq 98\%$ and its isomeric composition has been fully characterized by ^{19}F NMR. In addition, **Wellington** has also produced certified standard solutions of perfluoropentanesulfonate (**L-PFPeS**) and perfluorononanesulfonate (**L-PFNS**) to further expand our existing inventory of native perfluoroalkanesulfonates.



LCMS chromatogram of br-PFHxSK illustrating isomeric composition.



Sodium perfluoro-1-pentanesulfonate



Sodium perfluoro-1-nonanesulfonate

NATIVE PERFLUOROALKANESULFONATES (PFASs)

	Catalogue Number	Product (methanol)	Qty/Conc	
	L-PFBS	Potassium perfluoro-1-butanesulfonate	1.2 ml	50 µg/ml
NEW	L-PFPeS	Sodium perfluoro-1-pentanesulfonate	1.2 ml	50 µg/ml
	L-PFHxS	Sodium perfluoro-1-hexanesulfonate	1.2 ml	50 µg/ml
NEW	br-PFHxSK	L-PFHxS with branched isomers (Potassium Salt)	1.2 ml	50 µg/ml
	L-PFHpS	Sodium perfluoro-1-heptanesulfonate	1.2 ml	50 µg/ml
	L-PFOS	Sodium perfluoro-1-octanesulfonate	1.2 ml	50 µg/ml
	L-PFOSK	Potassium perfluoro-1-octanesulfonate	1.2 ml	50 µg/ml
	br-PFOSK	L-PFOSK with branched isomers	1.2 ml	50 µg/ml
	T-PFOS	Potassium perfluorooctanesulfonate (Technical Grade)	1.2 ml	50 µg/ml
NEW	L-PFNS	Sodium perfluoro-1-nonanesulfonate	1.2 ml	50 µg/ml
	ipPFNS	Sodium perfluoro-7-methyloctanesulfonate	1.2 ml	50 µg/ml
	L-PFDS	Sodium perfluoro-1-decanesulfonate	1.2 ml	50 µg/ml
	L-PFDoS	Sodium perfluoro-1-dodecanesulfonate	1.2 ml	50 µg/ml

Note: Listed concentrations are reported as the salt.

MASS-LABELLED PERFLUOROALKANESULFONATES

	Catalogue Number	Product (methanol)	Qty/Conc	
	MPFHxS	Sodium perfluoro-1-hexane[¹⁸ O ₂]sulfonate	1.2 ml	50 µg/ml
	M3PFHxS	Sodium perfluoro-1-[1,2,3- ¹³ C ₃]-hexanesulfonate	1.2 ml	50 µg/ml
	MPFOS	Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]-octanesulfonate	1.2 ml	50 µg/ml
	M8PFOS	Sodium perfluoro-1-[¹³ C ₈]-octanesulfonate	1.2 ml	50 µg/ml

Note: Listed concentrations are reported as the salt.

Please contact your local distributor or info@well-labs.com for pricing and delivery.

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