

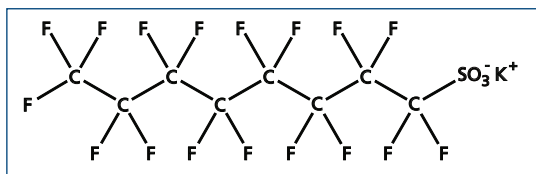


## **NEW PRODUCTS**

### **NEW NATIVE PERFLUOROOCTANESULFONATE (PFOS) REFERENCE STANDARDS**

The use of technical PFOS as a reference standard for quantification of PFOS in environmental samples can be problematic because of its questionable purity. In some cases, the PFOS purity is estimated using an acid/base titration method after ion exchange with a strong acid resin. Of course, this analysis is not specific for PFOS and therefore, the chemical purity reported can be misleading.

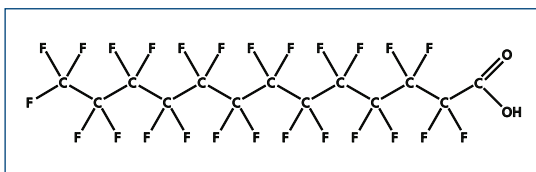
**Wellington** already offers linear PFOS (**L-PFOS**), in the form of the sodium salt, as a reference standard solution for quantification purposes. Also available is the linear PFOS as the *potassium salt* (**L-PFOSK**) for those laboratories concerned about LC/MS cation suppression effects.



Potassium perfluoro-1-octanesulfonate (**L-PFOSK**)

In addition, for laboratories requiring a quantitative standard that more closely mimics technical (linear and branched) PFOS, **Wellington** offers **brPFOSK** which contains approximately 67% linear and 33% branched PFOS isomers and has a chemical purity of >98% Total PFOS.

### **NATIVE PERFLUOROTRIDECANOIC ACID**



Perfluoro-n-tridecanoic acid (**PFTrDA**)

In our continuing efforts to broaden the range of relevant perfluorocarboxylates (PFCAs) in our inventory, **Wellington** has purified the native PFCA with a perfluoroalkyl chain length of C13 (**PFTrDA**). This completes the PFCA series available from **Wellington**, which now encompasses C4 to C14.

Please see the following page for a complete listing of our native and mass-labelled Perfluoroalkylsulfonates and Perfluorocarboxylates.

For pricing and delivery information please contact the distributor that serves your area, or by e-mail at [info@well-labs.com](mailto:info@well-labs.com)

## NATIVE PERFLUOROALKANESULFONATES

| Catalogue Number | Product (methanol solution)                          | Qty/Conc        |
|------------------|--|-----------------|
| L-PFBS           | Potassium perfluoro-1-butanesulfonate                | 1.2 ml 50 µg/ml |
| L-PFHxS          | Sodium perfluoro-1-hexanesulfonate                   | 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 |
| brPFOSK          | Potassium perfluorooctanesulfonate (>98% Total PFOS) | 1.2 ml 50 µg/ml |
| T-PFOS           | Potassium perfluorooctanesulfonate (Technical Grade) | 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 |

## MASS-LABELLED SODIUM PERFLUOROCTANESULFONATE

| Catalogue Number | Product (methanol solution)  | Qty/Conc        |
|------------------|--|-----------------|
| MPFOS            | Sodium perfluoro-1-[1,2,3,4- <sup>13</sup> C <sub>4</sub> ]octanesulfonate | 1.2 ml 50 µg/ml |

## PERFLUOROCARBOXYLIC ACIDS

| Catalogue Number | Product (methanol solution)    | Qty/Conc        |
|------------------|--------------------------------|-----------------|
| PFBA             | Perfluoro-n-butanoic acid      | 1.2 ml 50 µg/ml |
| PFPeA            | Perfluoro-n-pentanoic acid     | 1.2 ml 50 µg/ml |
| PFHxA            | Perfluoro-n-hexanoic acid      | 1.2 ml 50 µg/ml |
| PFHpA            | Perfluoro-n-heptanoic acid     | 1.2 ml 50 µg/ml |
| PFOA             | Perfluoro-n-octanoic acid      | 1.2 ml 50 µg/ml |
| PFNA             | Perfluoro-n-nonanoic acid      | 1.2 ml 50 µg/ml |
| PFDA             | Perfluoro-n-decanoic acid      | 1.2 ml 50 µg/ml |
| PFUdA            | Perfluoro-n-undecanoic acid    | 1.2 ml 50 µg/ml |
| PFDoA            | Perfluoro-n-dodecanoic acid    | 1.2 ml 50 µg/ml |
| PFTrDA           | Perfluoro-n-tridecanoic acid   | 1.2 ml 50 µg/ml |
| PFTeDA           | Perfluoro-n-tetradecanoic acid | 1.2 ml 50 µg/ml |

## MASS-LABELLED PERFLUOROCARBOXYLIC ACIDS

| Catalogue Number | Product   | Qty/Conc        |
|------------------|---|-----------------|
| MPFBA            | Perfluoro-n-[1,2,3,4- <sup>13</sup> C <sub>4</sub> ]butanoic acid (in methanol)   | 1.2 ml 50 µg/ml |
| MPFHxA           | Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]hexanoic acid (in methanol)       | 1.2 ml 50 µg/ml |
| MPFOA            | Perfluoro-n-[1,2,3,4- <sup>13</sup> C <sub>4</sub> ]octanoic acid (in methanol)   | 1.2 ml 50 µg/ml |
| MPFNA            | Perfluoro-n-[1,2,3,4,5- <sup>13</sup> C <sub>5</sub> ]nonanoic acid (in methanol) | 1.2 ml 50 µg/ml |
| MPFDA            | Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]decanoic acid (in methanol)       | 1.2 ml 50 µg/ml |
| MPFDA-A          | Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]decanoic acid (in acetonitrile)   | 1.2 ml 50 µg/ml |
| MPFDoA           | Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]dodecanoic acid (in methanol)     | 1.2 ml 50 µg/ml |

