

PFAS in Aqueous Film-Forming Foams (AFFF) Formulation I

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| Art. ID | NIST-8690 |
| Unit | 4 x 1,2 mL |
| Deliverydetails | ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1230 (6.1) II E2 |

Description

This Reference Material (RM) is intended for the identification and quantification of per- and polyfluoroalkyl substances (PFAS) in aqueous film-forming foams (AFFFs). A unit consists of four 2 mL ampoules. Each ampoule contains approximately 1.2 mL of methanol solution. /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|---------------------|--|--------------|---------------------|------|--------|--------|
| Non-Certified Value | Perfluorobutanoic acid (PFBA) | [375-22-4] | 0,104 ± 0,016 | µg/g | | |
| Non-Certified Value | Perfluorohexanoic acid (PFHxA) | [307-24-4] | 0,295 ± 0,026 | µg/g | | |
| Non-Certified Value | Perfluoroheptanoic acid (PFHpA) | [375-85-9] | 0,0918 ± 0,0370 | µg/g | | |
| Non-Certified Value | Perfluorooctanoic acid (PFOA) | [335-67-1] | 0,317 ± 0,078 | µg/g | | |
| Non-Certified Value | Perfluoropropanesulfoni c Acid | [423-41-6] | 0,302 ± 0,016 | µg/g | | |
| Non-Certified Value | Perfluorobutanesulfonic acid (PFBS) | [375-73-5] | 0,473 ± 0,032 | µg/g | | |
| Non-Certified Value | Perfluoropentane sulfon ic acid (PFPeS) | [2706-91-4] | 0,409 ± 0,085 | µg/g | | |
| Non-Certified Value | Perfluorohexanesulfonic acid (PFHxS) | [355-46-4] | 2,64 ± 0,12 | µg/g | | |
| Non-Certified Value | Perfluoroheptane sulfon ic acid (PFHpS) | [375-92-8] | 0,315 ± 0,225 | µg/g | | |
| Non-Certified Value | Perfluorooctanesulfonic acid (PFOS) | [1763-23-1] | 19,4 ± 0,4 | µg/g | | |
| Non-Certified Value | Perfluorobutylsulphonam ide | [30334-69-1] | 0,0356 ± 0,0065 | µg/g | | |
| Non-Certified Value | Perfluorohexanesulfonam ide | [41997-13-1] | 0,035 ± 0,013 | µg/g | | |
| Non-Certified Value | 1H,1H,2H,2H-Perfluoroooc tane sulfonic acid | [27619-97-2] | 0,222 ± 0,066 | µg/g | | |
| Non-Certified Value | Perfluorohexane Sulfona mido Amine (N-AP-FHxSA) | [50598-28-2] | 9,12 ± 1,71 | µg/g | | |

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|---------------------|---|--------------|---------------|------|
| Non-Certified Value | N,N,N-Trimethyl-3-[[Tr idecafluorohexyl)Sulfon yl]Amino]-1-Propanamini um, Inner Salt | [38850-51-0] | 0,293 ± 0,023 | µg/g |
| Non-Certified Value | N-(carboxymethyl)-N,N-d imethyl-3-(((perfluoro hexyl)ethyl)sulfonyl)am ino)-, hydroxide, inner salt | [34455-29-3] | 2,50 ± 0,5 | µg/g |