

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

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		

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