

Perfluorinated Carboxylic Acids and Perfluorooctane Sulfonamide in Methanol

Art. ID	NIST-8446
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 a solution of perfluorinated carboxylic acids (PFCAs) and perfluorooctane sulfonamide (PFOSA) in methanol intended primarily for use in the calibration of chromatographic instrumentation. A unit of NIST-RM 8446 consists of four 2 mL ampoules, each containing approximately 1,2 mL of solution. Two of the ampoules contain PFCAs in Methanol, and the other two ampoules contain PFCAs and PFOSA in Methanol. Reference values: /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Reference value	Perfluorohexanoic acid (PFHxA)	[307-24-4]	59,1 ± 1,4	mg/kg		
Reference value	Perfluoroheptanoic acid (PFHpA)	[375-85-9]	76,0 ± 7,2	mg/kg		
Reference value	Perfluorooctanoic acid (PFOA)	[335-67-1]	54,8 ± 2,2	mg/kg		
Reference value	Perfluorononanoic acid (PFNA)	[375-95-1]	63,0 ± 1,4	mg/kg		
Reference value	Perfluorodecanoic acid (PFDA)	[335-76-2]	58,1 ± 4,0	mg/kg		
Reference value	Perfluoroundecanoic acid (PFUnA)	[2058-94-8]	62,8 ± 6,5	mg/kg		
Reference value	Perfluorododecanoic acid (PFDoA)	[307-55-1]	59,5 ± 7,0	mg/kg		
Reference value	Perfluorotridecanoic acid (PFTriA)	[72629-94-8]	62,9 ± 2,8	mg/kg		
Reference value	Perfluorotetradecanoic acid (PFTA)	[376-06-7]	58,0 ± 3,8	mg/kg		
Reference value	Perfluorobutanoic acid (PFBA)	[375-22-4]	43 ± 11	mg/kg		
Reference value	Perfluoropentanoic acid (PFPeA)	[2706-90-3]	60,9 ± 0,9	mg/kg		
Reference value	Perfluorooctane sulfonamide (PFOSA)	[754-91-6]	66,9 ± 1,7	mg/kg		