

## **Perdeuterated PAH-II solution in Hexane/Toluene**

Art. ID	NIST-2270
Unit	5 x 1,2 mL
Deliverydetails	ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1208 II E2

### Description

This Standard Reference Material (SRM®) is intended primarily for use as an internal standard, or surrogate internal standard, solution that is used to spike both the unknown sample and the calibration or external standard solution of non-labeled PAHs. A unit of NIST-2270 consists of five 2 mL ampoules, each containing approximately 1.2 mL of a solution of six perdeuterated polycyclic aromatic hydrocarbons (PAHs) in hexane/toluene (96:4 volume fraction). /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Naphthalene D8	[1146-65-2]	77,0 ± 2,2	mg/kg		
	Acenaphthene D10	[15067-26-2]	7,61 ± 0,22	mg/kg		
	Pyrene D10	[1718-52-1]	74,5 ± 1,6	mg/kg		
	Benzo(a)pyrene D12	[63466-71-7]	37,3 ± 1,1	mg/kg		
	Perylene D12	[1520-96-3]	29,88 ± 0,75	mg/kg		
	Benzo(g,h,i)perylene D1	[93951-66-7]	35,34 ± 0,93	mg/kg		
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	Naphthalene D8	[1146-65-2]	51,2 ± 1,5	µg/mL		
	Acenaphthene D10	[15067-26-2]	5,06 ± 0,15	µg/mL		
	Pyrene D10	[1718-52-1]	49,5 ± 1,1	µg/mL		
	Benzo(a)pyrene D12	[63466-71-7]	24,80 ± 0,73	µg/mL		
	Perylene D12	[1520-96-3]	19,86 ± 0,50	µg/mL		
	Benzo(g,h,i)perylene D1	[93951-66-7]	23,49 ± 0,62	µg/mL		
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