Labmix24 GmbH
Kesseldorfer Rott 24
46499 Hamminkeln
Germany

Tel: +49 (0) 2852 96064 00
Fax: +49 (0) 2852 96064 24
Web: www.labmix24.com
E-Mail: info@labmix24.com

Methyl-Substituted Polycyclic Aromatic Hydrocarbons in Toluene

Art. ID NIST-1491a

Unit 5 x 1,2 mL

Deliverydetails ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1294 II E2

Description

This Standard Reference Material (SRM®) is a solution of 18 methyl-substituted polycyclic aromatic hydrocarbons (PAHs), from methylnaphthalenes to methylchrysenes, in toluene. This SRM® is intended primarily for use in the calibration of chromatographic instrumentation used for the determination of methyl-substituted PAHs. A unit of NIST-1491a consists of five 2-milliliter ampoules, each containing approximately 1.2 mL of solution. Certified µg/mL values are given in the certificate Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	1-Methylnaphthalene	[90-12-0]	1,758 ± 0,041	µg/g		
	2-Methylnaphthalene	[91-57-6]	2,030 ± 0,096	µg/g		
	1,2-Dimethylnaphthalene	[573-98-8]	1,990 ± 0,071	µg/g		
	1,6-Dimethylnaphthalene	[575-43-9]	1,607 ± 0,036	µg/g		
	2,6-Dimethylnaphthalene	[581-42-0]	1,564 ± 0,053	µg/g		
	1-Methylphenanthrene	[832-69-9]	2,243 ± 0,028	µg/g		
	2-Methylphenanthrene	[2531-84-2]	2,396 ± 0,018	µg/g		
	3-Methylphenanthrene	[832-71-3]	2,134 ± 0,010	µg/g		
	9-Methylphenanthrene	[883-20-5]	2,288 ± 0,019	µg/g		
	2-Methylanthracene	[613-12-7]	1,355 ± 0,010	µg/g		
	1,7-Dimethylphenanthrene	[483-87-4]	1,962 ± 0,027	µg/g		
	1-Methylfluoranthene	[25889-60-5]	1,116 ± 0,011	µg/g		
	3-Methylfluoranthene	[1706-01-0]	1,190 ± 0,014	µg/g		
	1-Methylpyrene	[2381-21-7]	1,089 ± 0,013	µg/g		
	4-Methylpyrene	[3353-12-6]	1,026 ± 0,012	µg/g		
	Retene	[483-65-8]	2,079 ± 0,032	µg/g		
	3-Methylchrysene	[3351-31-3]	1,132 ± 0,026	µg/g		
	6-Methylchrysene	[1705-85-7]	1,200 ± 0,014	µg/g		