

Certificate of Analysis

Reference Material & Standard

Product Name:	PAH MIX 16	Catalogue Number:	MPAH111551-AH
Appearance:	Colourless Liquid	Lot Number:	0519-RH-0007
Solvent:	Acetone/Hexane	Storage:	Room Temp Protected from light and Sealed
Expiry Date:	Dec 11, 2029	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:

N/A

Warning:



NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Phenanthrene	85-01-8	1000	2
2	Pyrene	129-00-0	1000	2
3	Benzo(A)Pyrene	50-32-8	1000	2
4	Indeno(1,2,3-C,D)Pyrene	193-39-5	1000	2
5	Fluorene	86-73-7	1000	2
6	Benz[a]anthracene	56-55-3	1000	2
7	Fluoranthene	206-44-0	1000	2
8	Dibenz[a,h]anthracene	53-70-3	1000	2
9	Benzo(G,H,I)Perylene	191-24-2	1000	2
10	Benzo[b]fluoranthene	205-99-2	1000	2
11	Anthracene	120-12-7	1000	2
12	Benzo[k]fluoranthene	207-08-9	1000	2
13	Naphthalene	91-20-3	1000	2
14	Acenaphthylene	208-96-8	1000	2
15	Chrysene	218-01-9	1000	2
16	Acenaphthene	83-32-9	1000	2

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 19, 2026

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com

