

Certificate of Analysis

Reference Material & Standard

Product Name:	PAH Mix 16	Catalogue Number:	MPAH111549-AL
Appearance:	Colourless Liquid	Lot Number:	1215-RG-0114
Solvent:	Acetonitrile	Storage:	-20°C±5°C Protected from light and Sealed
Expiry Date:	Jan 10, 2030	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:

N/A

Warning:



NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (µg/mL)
1	Phenanthrene	85-01-8	200.2	6.1
2	Pyrene	129-00-0	200.0	6.1
3	Benzo(A)Pyrene	50-32-8	200.5	6.1
4	Indeno(1,2,3-C,D)Pyrene	193-39-5	200.1	6.1
5	Fluorene	86-73-7	200.5	6.1
6	Benz[a]anthracene	56-55-3	200.1	6.1
7	Fluoranthene	206-44-0	200.4	6.1
8	Dibenz[a,h]anthracene	53-70-3	200.3	6.1
9	Benzo(G,H,I)Perylene	191-24-2	200.6	6.1
10	Benzo[b]fluoranthene	205-99-2	200.4	6.1
11	Anthracene	120-12-7	200.4	6.1
12	Benzo[k]fluoranthene	207-08-9	200.1	6.1
13	Naphthalene	91-20-3	200.4	6.1
14	Acenaphthylene	208-96-8	200.1	6.1
15	Chrysene	218-01-9	200.2	6.1
16	Acenaphthene	83-32-9	200.1	6.1

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:

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Reviewed by:

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Approved by General Manager:

David

Date: Dec 19, 2025

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