

Certificate of Analysis

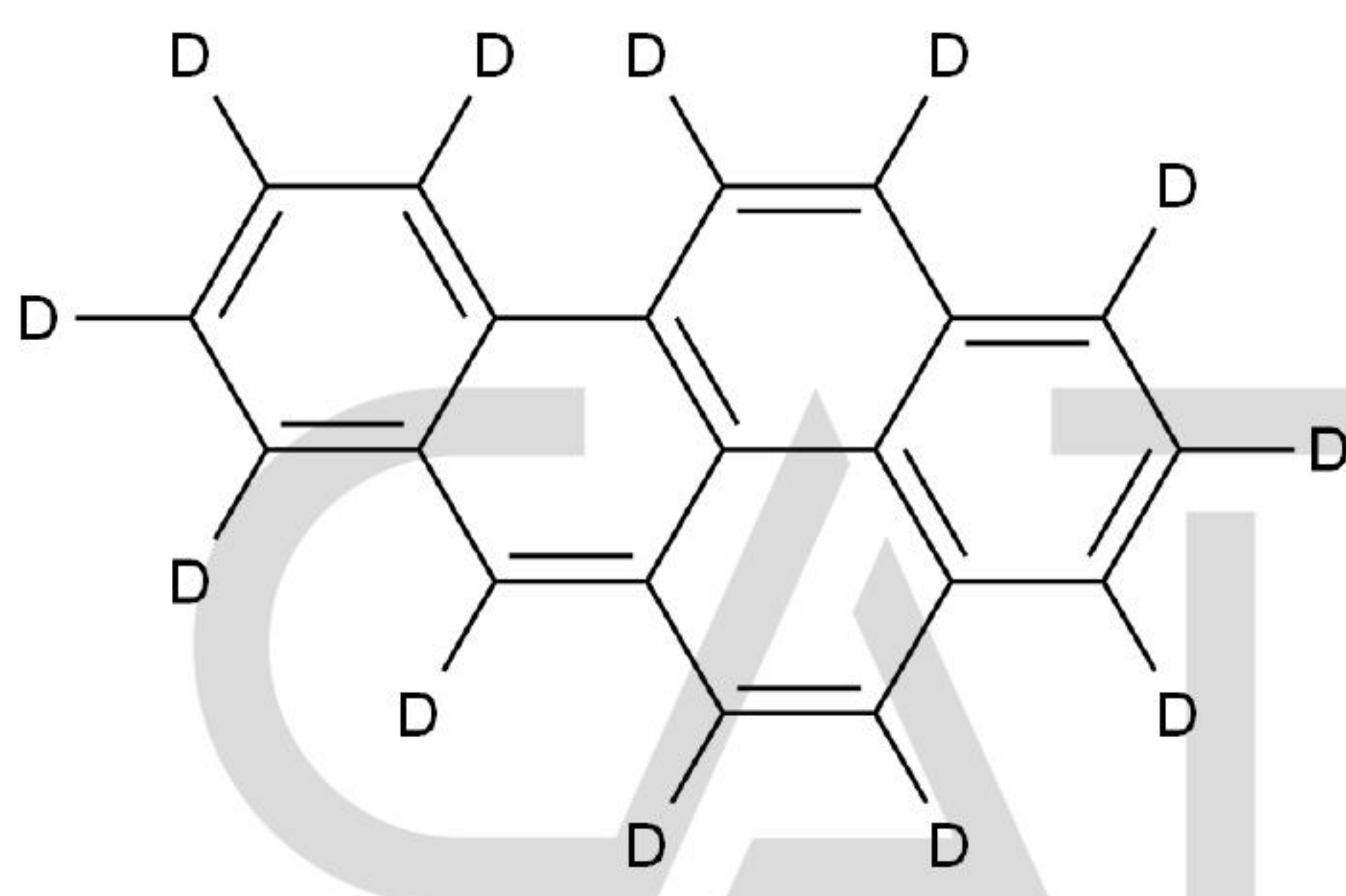
Reference Material & Standard

Product Name:	Benzo[a]Pyrene-d12	Catalogue Number:	CPAH111526
Synonyms:	N/A	Lot Number:	0420-RH-0141
CAS Number:	63466-71-7	Expiry Date:	Apr 16, 2029
Molecular Formula:	C ₂₀ D ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	264.38	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Chemical Purity	HPLC	100.0%
Isotopic Purity		98.0%
Uncertainty		±0.1%

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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 06, 2026

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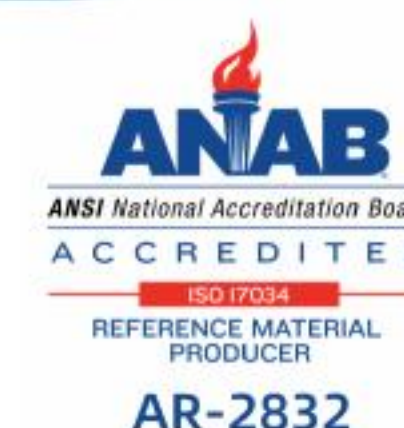
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