

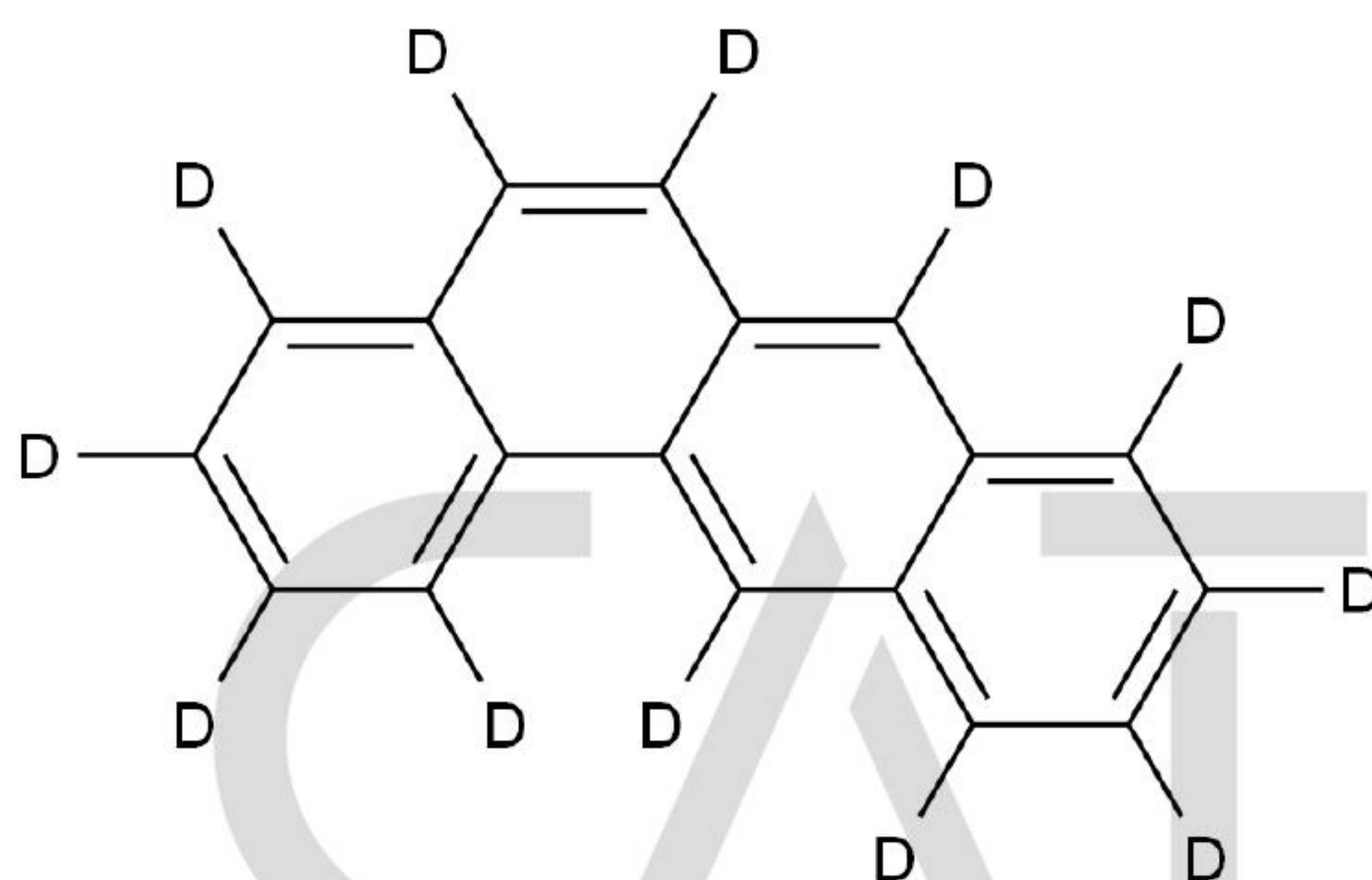
Certificate of Analysis

Reference Material & Standard

Product Name:	Benz[a]anthracene-d12	Catalogue Number:	CPAH111536
Synonyms:	N/A	Lot Number:	0414-RD-0071
CAS Number:	1718-53-2	Expiry Date:	Dec 09, 2028
Molecular Formula:	C18D12	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	240.36	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.4%
Isotopic Purity		96.2%
Uncertainty		±2.0%

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:

Hinlam

Approved by General Manager:

David

Date: Dec 20, 2024

Date: Dec 20, 2024

Date: Dec 20, 2024

