



CERTIFICATE OF ANALYSIS

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1. Identification

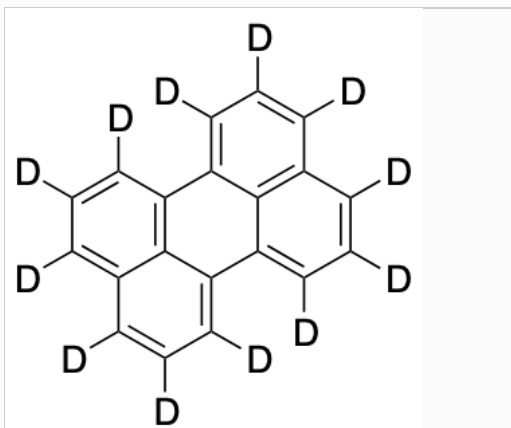
Catalogue Number: P291302

CAS Number: 1520-96-3

Product: Perylene-d12

Synonym: Perdeuterioperylene;
[2H12]Perylene

Structure:



Molecular Formula:

C₂₀D₁₂

Molecular weight:

264.38

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly, Heated,
Sonicated), Dichloromethane
(Slightly, Heated), DM

Lot Number: 21-ZEA-137-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At
Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 90.65, %H: 4.82
Appearance	Yellow to Dark Yellow Solid	Yellow to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.1% (d0 = 0.14%)
HPLC Purity	Report Result	99.87% (250 nm)

Additional Information:

Material was manufactured at CDN Isotopes, an affiliate of TRC

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	8/31/2021	8/29/2025

Evan Burns