



CERTIFICATE OF ANALYSIS

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1. Identification

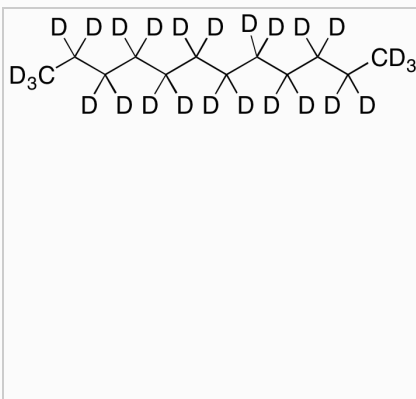
Catalogue Number: D494627

CAS Number: 16416-30-1

Product: Dodecane-d26

Synonym: Dodecane-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-d26; Perdeuterododecane; Adakane 12-d26; Ba 51-090453-d26; C12-n-Alkane-d26; Cactus Normal Paraffin N 12D-d26; NSC 8714-d26; Parafol 12-97-d26; Parafol C12-97-d26; n-Dodecane-d26;

Structure:



Molecular Formula:

$C_{12}D_{26}$

Molecular weight:

196.5

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Hexanes (Slightly), Methanol (Slightly)

Lot Number: 10-AZP-106-1

Purity: 98%

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

Storage Condition: 20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
GC	Report Result	97.98%
Appearance	Colourless Oil	Clear Colourless Oil
Isotopic Purity	>95%	>95% by NMR

Additional Information:

10-AZP-106-1 was tested under CDN lot C-204 ***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
Neha Khanna

Reviewed By
Toni Rantanen

C of A Approved By
Chanell Chu

Test Date
10/28/2021

Retest Date
10/26/2025