



CERTIFICATE OF ANALYSIS

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1. Identification

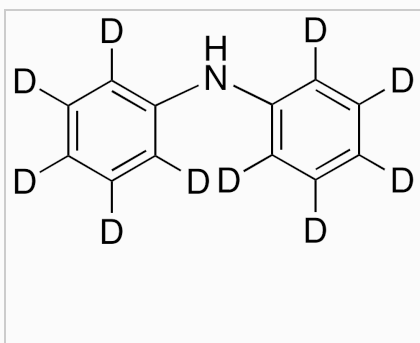
Catalogue Number: D478942

CAS Number: 37055-51-9

Product: Diphenylamine-d10

Synonym: N-Phenylbenzenamine-d10; Diphenylamine-d10; Anilinobenzene-d10; (Phenylamino)benzene-d10; DBA-d10; DFA-d10; DPA-d10; N,N-Diphenylamine-d10; N-Phenylaniline-d10; N-Phenylbenzenamine-d10; NSC 215210-d10; Naugalube 428L-d10; No-Scald-d10

Structure:



Molecular Formula:

$C_{12}H_{10}N$

Molecular weight:

179.28

Source of Product:

Synthetic

Solubility:

DMSO (Slightly)

Lot Number: L-455

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:
Appearance	Light Yellow to Dark Yellow Solid	Light Yellow to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
GC Purity	Report Result	99.60%
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.6%

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 0.00%, d4 = 0.00%, d5 = 0.00%, d6 = 0.00%, d7 = 0.04%, d8 = 0.80%, d9 = 12.58%, d10 = 86.57%

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
Iuri Lutenco	Toni Rantanen	Chanell Chu	01/18/2019	01/16/2026