



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

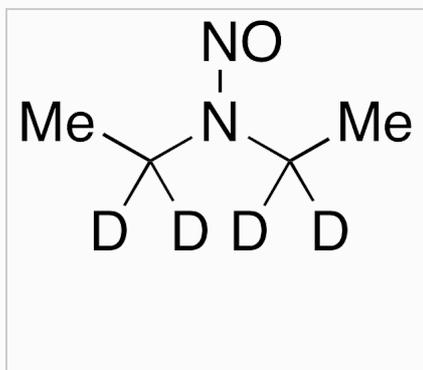
Catalogue Number: N525467

CAS Number: 1346603-41-5

Product: N-Nitrosodiethylamine-d4

Synonym: N-Ethyl-N-nitrosoethanamine-d4; DEN-d4; DENA-d4; Diethylnitrosamide-d4; Diethylnitrosamine-d4; Diethylnitrosoamine-d4; N,N-Diethylnitrosoamine-d4; N-Ethyl-N-nitrosoethanamine-d4; N-Nitroso-N,N-diethylamine-d4; NDEA-d4; NSC 132-d4; Nitrosodiethylamin-d4;

Structure:



Molecular Formula:

C₄H₆D₄N₂O

Molecular weight:

106.16

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 10-IHB-119-2

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1: Light Sensitive

Warning 2: Toxic

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Yellow Oil	Clear Pale Yellow Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.0%

Additional Information:

TLC Conditions: SiO₂; Ethyl Acetate : Hexanes = 1 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.65. Normalized Intensity: d0 = 0.20%, d1 = 0.48%, d2 = 0.16%, d3 = 1.64%, d4 = 97.53%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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
Eric Beaton	Toni Rantanen	My Nguyen	1/10/2020	1/8/2027