



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: N545373

CAS Number: 99389-11-4

Product: N-Nitrosopiperidine-d4

Synonym: 1-Nitrosopiperidine-d4; NPI-d4; NPIP-d4; NSC 138-d4;

Structure:



Molecular Formula:

C₅H₆D₄N₂O

Molecular weight:

118.17

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 9-KMT-144-2

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:
Appearance	Colourless to Light Brown Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.88% (235 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.2% (d0 = 0.10%)

Additional Information: N/A

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
Swathi Reddy	Toni Rantanen	Chanell Chu	9/21/2021	9/19/2025
				