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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2026

**Product Name: 1-Methyl-4-Nitrosopiperazine**

### Identification:

Chemical Name: N-Methyl-N'-Nitrosopiperazine

Synonyms : MNP ; MeNP

CAS Number : 16339-07-4

CAT Number : CP-NIT023

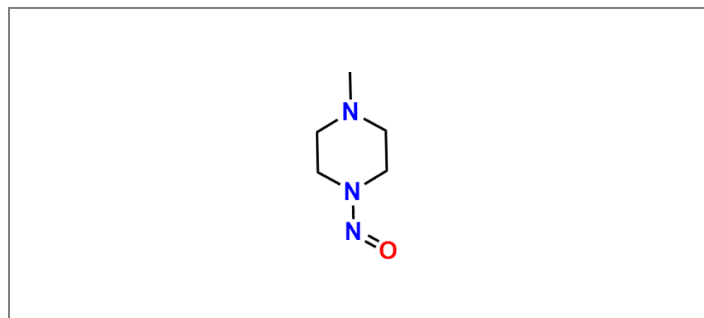
Molecular Formula : C<sub>5</sub>H<sub>11</sub>N<sub>3</sub>O

Molecular Weight : 129.16

Batch Number : CHEM-NIT-PIP-003

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Light yellow to Orange Oil
2)	Solubility	Soluble in Methanol/CDCI <sub>3</sub>
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.13%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to structure
7)	IR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

Approved By



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.