

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN001017-01)

Release Date: 25/09/2024

Re-test Date: 24/09/2027

## N-Methyl-N'-Nitrosopiperazine

### Identification

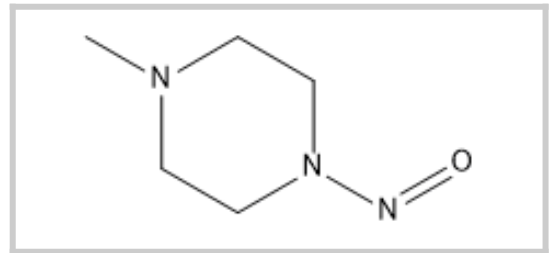
**Chemical Name :**  
1-methyl-4-nitrosopiperazine

**CAT No. :** KMN001017

**CAS No. :** 16339-07-4

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

**Molecular Weight :** 129.16



### Analytical Information

**Batch No. :** N001017-073-387

**Description :** Yellow Liquid

**HPLC Purity :** 99.62 %

**Weight Loss By KF :** 1.62 %

**% Potency :** 98.01 %

**Solubility :** Acetonitrile

**Mass :** Confirm

**IR :** Confirm

**<sup>1</sup>H NMR :** Confirm

### Additional Information

**Long Term Storage :** Store at 2-8 deg. C for long term storage

**Shipping Condition :** Product is stable to be shipped at room temperature

**% Potency =** [100 - 1.62(Weight Loss By KF)] x [99.62(HPLC Purity)]/100 = 98.01 %

**Recommendation :** Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/09/2024

**Attachments :** COA, HPLC, MASS, <sup>1</sup>HNMR, IR and KF