

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN001008-01)

**Release Date:** 09/03/2024

**Re-test Date:** 08/03/2027

## **N-Nitroso Piperidine**

### **Identification**

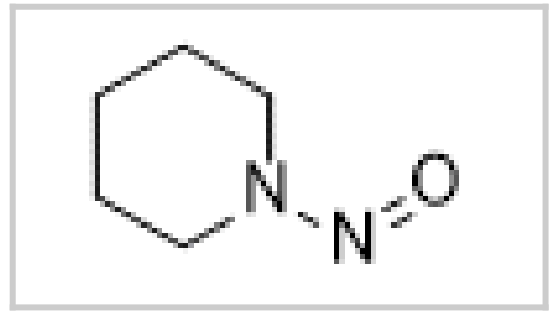
**Chemical Name :**  
1-nitrosopiperidine

**CAT No. :** KMN001008

**CAS No. :** 100-75-4

**Molecular Formula :** C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O

**Molecular Weight :** 114.15



### **Analytical Information**

**Batch No. :** NPIP-073-116

**Description :** Yellow Liquid

**HPLC Purity :** 99.92 %

**Weight Loss By KF :** 0.02 %

**% Potency :** 99.9 %

**Solubility :** ACN

**Mass :** Confirm

**IR :** Confirm

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

**<sup>13</sup>C 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 - 0.02(Weight Loss By KF)] x [99.92(HPLC Purity)]/100 = 99.9 %

**Recommendation :** Released

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		08/07/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		08/07/2024

**Attachments :** COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA