

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001461-01)

**Release Date:** 19/06/2025

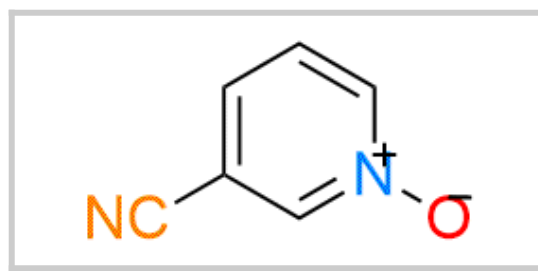
**Re-test Date:** 18/06/2028

## **3-cyanopyridine 1-oxide**

### **Identification**

**Chemical Name :**  
3-cyanopyridine 1-oxide

**CAT No.** : KMM001461  
**CAS No.** : Not Available  
**Molecular Formula** : C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O  
**Molecular Weight** : 120.11



### **Analytical Information**

<b>Batch No.</b>	: M001461-102-086	<b>Solubility</b>	: Water
<b>Description</b>	: Light Brown Solid	<b>Mass</b>	: Confirm
<b>HPLC Purity</b>	: 99.35 %	<b>IR</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.80 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>% Potency</b>	: 98.56 %	<b><sup>13</sup>C NMR</b>	: 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 - 0.80(Weight Loss By TGA)] x [99.35(HPLC Purity)]/100 = 98.56 %  
**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		27/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/06/2025

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