

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP003038-01)

**Release Date:** 17/02/2025

**Re-test Date:** 16/02/2028

## **PIPRC-3**

### **Identification**

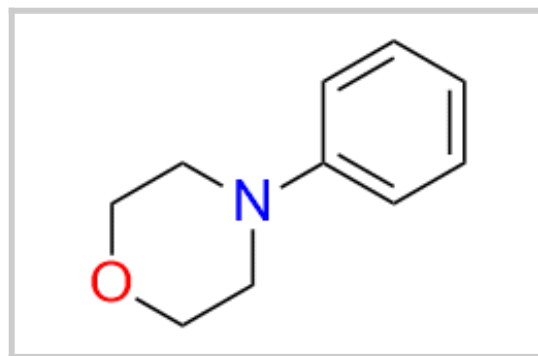
**Chemical Name :**  
4-phenylmorpholine

**CAT No.** : KMP003038

**CAS No.** : 92-53-5

**Molecular Formula** : C<sub>10</sub>H<sub>13</sub>NO

**Molecular Weight** : 163.22



### **Analytical Information**

**Batch No.** : PIR-4PM-030-023

**Description** : Brown Solid

**HPLC Purity** : 99.31 %

**Weight Loss By TGA** : 0.49 %

**% Potency** : 98.82 %

**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 - 0.49(Weight Loss By TGA)] x [99.31(HPLC Purity)]/100 = 98.82 %  
-Re-tested on 17.02.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		20/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/02/2025

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