# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003038-01)

**Release Date:** 17/02/2025 **Re-test Date:** 16/02/2028

## PIPRC-3

## Identification

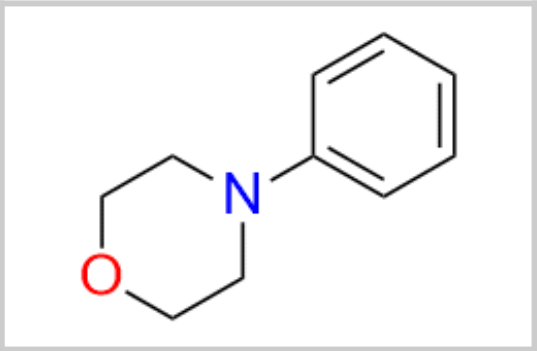
**Chemical Name** :
4-phenylmorpholine

**CAT No.** : KMP003038

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

**Molecular Formula** : C10H13NO

**Molecular Weight** : 163.22




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : PIR-4PM-030-023 | **Solubility** | : Acetonitrile |
| **Description** | : Brown Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 99.31 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.49 % | **1H NMR** | : Confirm |
| **% Potency** | : 98.82 % | | |

## 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, 1HNMR, IR and TGA