

CERTIFICATE OF ANALYSIS

(Certificate No. KMM159003-01)

Release Date: 23/04/2025

Re-test Date: 22/04/2028

N-NitrosoMorpholine (NMOR)

Identification

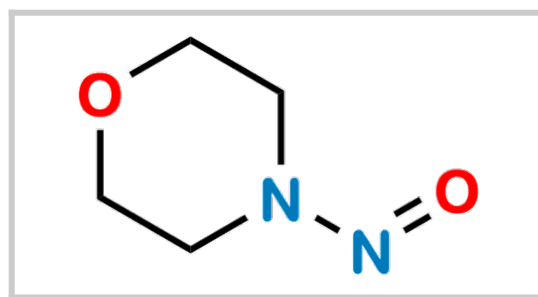
Chemical Name :
4-nitrosomorpholine

CAT No. : KMM159003

CAS No. : 59-89-2

Molecular Formula : C₄H₈N₂O₂

Molecular Weight : 116.1



Analytical Information

Batch No. : NNM-045-059

Description : Pale Yellow Liquid

HPLC Purity : 99.88 %

Weight Loss By KF : 0.63 %

% Potency : 99.25 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.63(Weight Loss By KF)] x [99.88(HPLC Purity)]/100 = 99.25 %

-Re-tested on 23.04.2025

Recommendation : Released

| | Department | Name | Signature | Date |
|-----------------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 07/07/2025 |
| Reviewed & Approved By | Quality Control | Milan Bhimani | | 07/07/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and KF