CERTIFICATE OF ANALYSIS

(Certificate No. KMM159007-01)

Release Date: 06/09/2025 **Re-test Date:** 05/09/2028

4-methylmorpholine

Identification

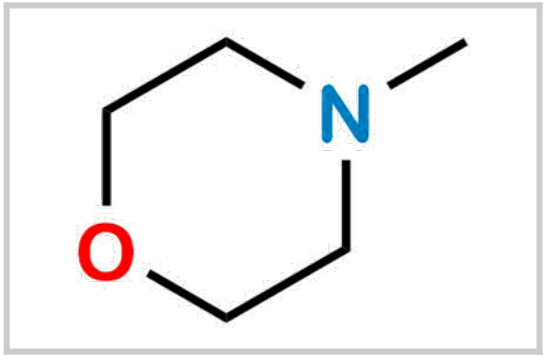
Chemical Name :
4-methylmorpholine

CAT No. : KMM159007

CAS No. : 109-02-4

Molecular Formula : C5H11NO

Molecular Weight : 101.1



Analytical Information

Batch No. : M159007-102-264

Description : Colorless Liquid.

GC Purity : 99.75 %

Weight Loss By KF : 1.63 %

% Potency : 98.12 %

Solubility : MDC

Mass : Confirm

IR : Confirm

1H 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 - 1.63(Weight Loss By KF)] x [99.75(GC Purity)]/100 = 98.12 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		09/09/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		09/09/2025

Attachments : COA, GC, MASS, 1HNMR, IR and KF