

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC017016-01)

Release Date: 28/04/2025

Re-test Date: 27/04/2028

## N-METHYLPYPERAZINE

### Identification

Chemical Name :  
1-Methylpyperazine

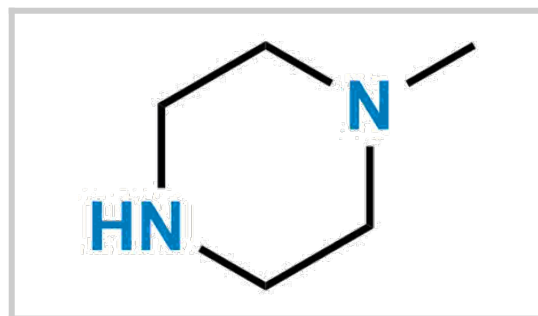
Alt. Name : Cyclizine USP Related Compound A

CAT No. : KMC017016

CAS No. : 109-01-3

Molecular Formula : C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>

Molecular Weight : 100.2



### Analytical Information

Batch No. : C017016-091-326

Description : Colorless Liquid

GC Purity : 98.22 %

Weight Loss By KF : 0.79 %

% Potency : 97.44 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C 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 - 0.79(Weight Loss By KF)] x [98.22(GC Purity)]/100 = 97.44 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		29/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/04/2025

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