

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001483-01)

**Release Date:** 15/12/2025

**Re-test Date:** 14/12/2028

## **1-AMINO-4-METHYL PIPERAZINE**

### **Identification**

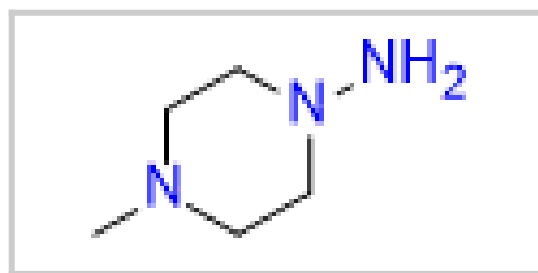
**Chemical Name :**  
1-Amino-4-methylpiperazine

**CAT No.** : KMM001483

**CAS No.** : 6928-85-4

**Molecular Formula** : C<sub>5</sub>H<sub>13</sub>N<sub>3</sub>

**Molecular Weight** : 115.18



### **Analytical Information**

**Batch No.** : M001483-114-058

**Description** : Colorless liquid

**GC Purity** : 98.77 %

**Weight Loss By KF** : 7.82 %

**% Potency** : 91.05 %

**Solubility** : MDC

**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 - 7.82(Weight Loss By KF)] x [98.77(GC Purity)]/100 = 91.05 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Vekariya		15/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		15/12/2025

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, IR and KF