

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM063021-01)

Release Date: 10/12/2025

Re-test Date: 09/12/2028

## Diethylamine

### Identification

**Chemical Name :**  
N-Ethylethanamine (as per EP)

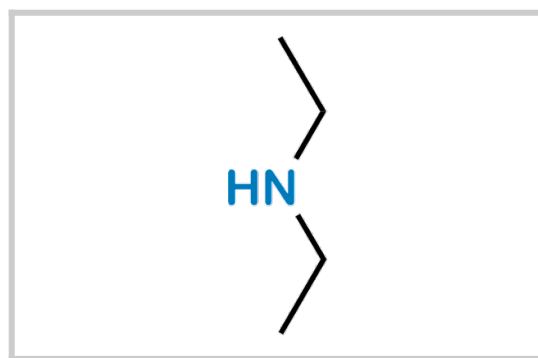
**Alt. Name** : Diethylamine

**CAT No.** : KMM063021

**CAS No.** : 109-89-7

**Molecular Formula** : C<sub>4</sub>H<sub>11</sub>N

**Molecular Weight** : 73.1



### Analytical Information

**Batch No.** : M063021-114-047

**Description** : Colorless Liquid

**GC Purity** : 99.97 %

**Weight Loss By KF** : 0.58 %

**% Potency** : 99.39 %

**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 - 0.58(Weight Loss By KF)] x [99.97(GC Purity)]/100 = 99.39 %

**Recommendation** : Released

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

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