

# CERTIFICATE OF ANALYSIS

(Certificate No. KMH004001-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

## 2-AMINO-5-DIETHYLAMINOPENTANE

### Identification

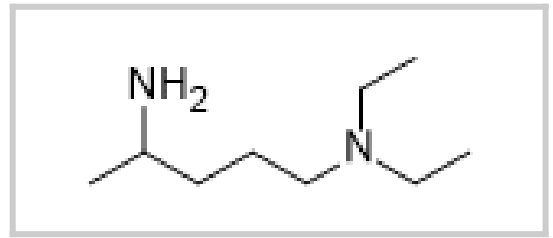
**Chemical Name :**  
N1,N1-diethylpentane-1,4-diamine

**CAT No.** : KMH004001

**CAS No.** : 140-80-7

**Molecular Formula** : C<sub>9</sub>H<sub>22</sub>N<sub>2</sub>

**Molecular Weight** : 158.28



### Analytical Information

**Batch No.** : 4-AM-1-DE-030-149

**Description** : Colorless Liquid

**GC Purity** : 99.19 %

**Weight Loss By TGA** : 0.32 %

**% Potency** : 98.87 %

**Solubility** : ACN

**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 - 0.32(Weight Loss By TGA)] x [99.19(GC Purity)]/100 = 98.87 %

Remarks : Re-tested on 17.06.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/06/2024

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