

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 :

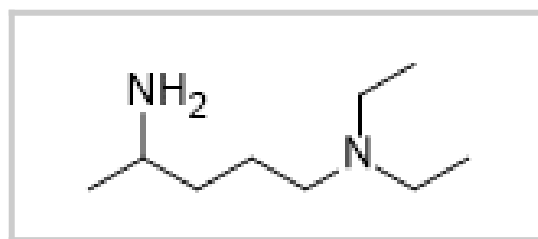
N1,N1-diethylpentane-1,4-diamine

CAT No. : KMH004001

CAS No. : 140-80-7

Molecular Formula : C₉H₂₂N₂

Molecular Weight : 158.28



Analytical Information

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

Solubility : ACN

Description : Colorless Liquid

Mass : Confirm

GC Purity : 99.19 %

IR : Confirm

Weight Loss By TGA : 0.32 %

¹H NMR : Confirm

% Potency : 98.87 %

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, ¹HNMR, IR and TGA