

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001457-01)

Release Date: 12/05/2025

Re-test Date: 11/05/2028

DI-PHENYL AMINE IMPURITY

Identification

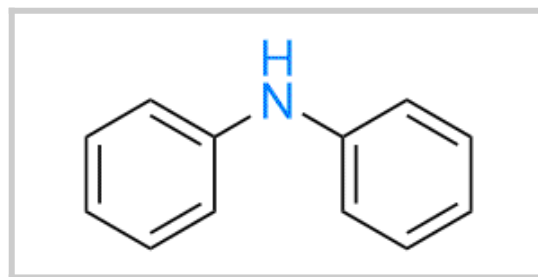
Chemical Name :
diphenylamine

CAT No. : KMM001457

CAS No. : 122-39-4

Molecular Formula : C₁₂H₁₁N

Molecular Weight : 169.22



Analytical Information

Batch No. : M001457-102-022

Description : White Solid

HPLC Purity : 99.99 %

Weight Loss By TGA : 0.07 %

% Potency : 99.92 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 - 0.07(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 99.92 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		15/05/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA