

CERTIFICATE OF ANALYSIS

(Certificate No. KMC016012-01)

Release Date: 25/06/2025

Re-test Date: 24/06/2028

Clotrimazole Impurity - D

Identification

Chemical Name :

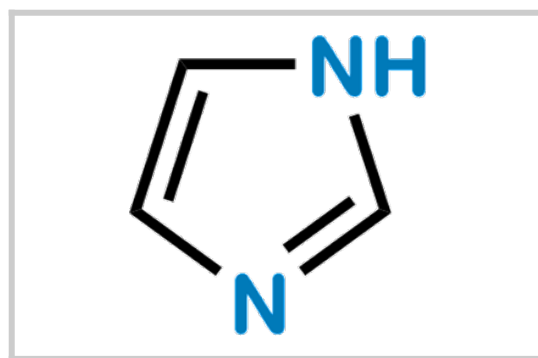
Imidazole

CAT No. : KMC016012

CAS No. : 288-32-4

Molecular Formula : C₃H₄N₂

Molecular Weight : 68.0



Analytical Information

Batch No. : C016012-102-077

Description : White Solid

HPLC Purity : 99.99 %

Weight Loss By TGA : 0.41 %

% Potency : 99.58 %

Solubility : ACN : Water (8:2)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.41(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 99.58 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Payal Kapuriya		26/06/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		26/06/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA