CERTIFICATE OF ANALYSIS

(Certificate No. KMC016012-01)

Release Date: 25/06/2025 **Re-test Date:** 24/06/2028

Clotrimazole Impurity - D

Identification

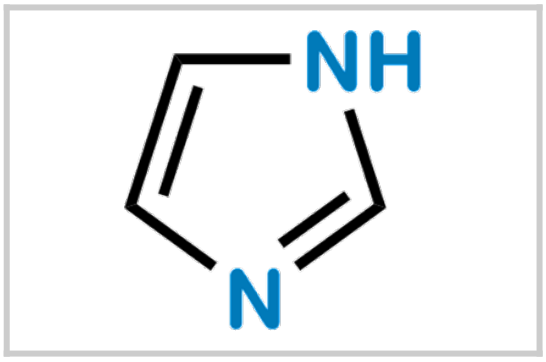
Chemical Name :
Imidazole

CAT No. : KMC016012

CAS No. : 288-32-4

Molecular Formula : C3H4N2

Molecular Weight : 68.0



Analytical Information

Batch No.	: C016012-102-077	**Solubility**	: ACN : Water (8:2)
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.99 %	**IR**	: Confirm
Weight Loss By TGA	: 0.41 %	**1H NMR**	: Confirm
% Potency	: 99.58 %	**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