CERTIFICATE OF ANALYSIS

(Certificate No. KMC016014-01)

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

Clotrimazole Impurity - F

Identification

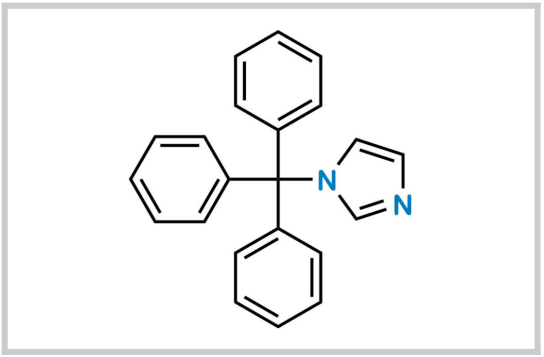
Chemical Name :
1-(Triphenylmethyl)-1H-imidazole (deschloroclotrimazole).

CAT No. : KMC016014

CAS No. : 15469-97-3

Molecular Formula : C22H18N2

Molecular Weight : 310.4



Analytical Information

Batch No. : C016014-102-079

Description : White Solid

HPLC Purity : 98.75 %

Weight Loss By TGA : 0.16 %

% Potency : 98.59 %

Solubility : Acetonitrile

Mass : Confirm as Sodium adduct

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 - 0.16(Weight Loss By TGA)] x [98.75(HPLC Purity)]/100 = 98.59 %

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