

CERTIFICATE OF ANALYSIS

(Certificate No. KMC016009-01)

Release Date: 25/06/2025

Re-test Date: 24/06/2028

Clotrimazole Impurity - A

Identification

Chemical Name :
(2-Chlorophenyl)diphenylmethanol

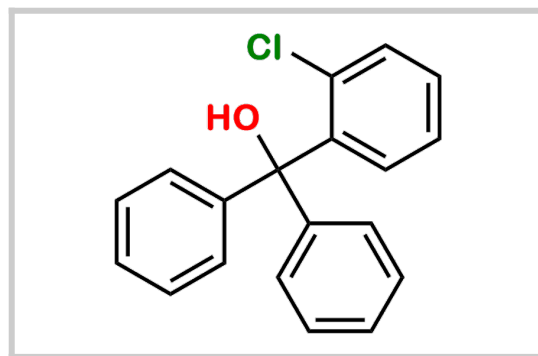
Alt. Name : Clotrimazole USP Related Compound A

CAT No. : KMC016009

CAS No. : 66774-02-5

Molecular Formula : C₁₉H₁₅ClO

Molecular Weight : 294.8



Analytical Information

Batch No. : C016009-102-075

Description : White Solid

HPLC Purity : 99.83 %

Weight Loss By TGA : 0.03 %

% Potency : 99.8 %

Solubility : Acetonitrile

Mass : Confirm as a M-OH

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 - 0.03(Weight Loss By TGA)] x [99.83(HPLC Purity)]/100 = 99.8 %

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