CERTIFICATE OF ANALYSIS

(Certificate No. KMC016007-01)

Release Date: 30/07/2025 **Re-test Date:** 29/07/2028

Clotrimazole USPRS

Identification

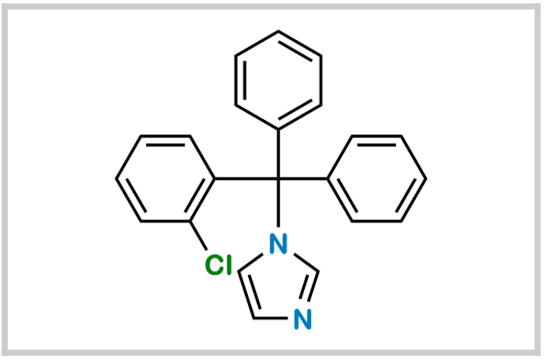
Chemical Name :
1-[(2-Chlorophenyl)-diphenyl-methyl]-1H-imidazole; FB-5097; Bay b 5097;Canesten; Canifug; Empecid; Mycofung; Desamix F; Diphenyl(2-chlorophenyl)(1-imidazolyl)methane; Empecid; Femcare; Gyne-Lotrimin; Gyne-Lotrimin 7; Locasten; Lotrimin;

CAT No. : KMC016007

CAS No. : 23593-75-1

Molecular Formula : C22H17ClN2

Molecular Weight : 344.9



Analytical Information

Batch No.	: C016007-102-180	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.94 %	**IR**	: Confirm
Weight Loss By TGA	: 0.06 %	**1H NMR**	: Confirm
% Potency	: 99.88 %	**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 - 0.06(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.88 %
USP Catalog No & Lot No :- 1141002 - R20650

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Payal Kapuriya		31/07/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		31/07/2025

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