CERTIFICATE OF ANALYSIS

(Certificate No. KMC016011-02)

Release Date: 06/07/2026 **Re-test Date:** 05/07/2027

Clotrimazole Impurity C

Identification

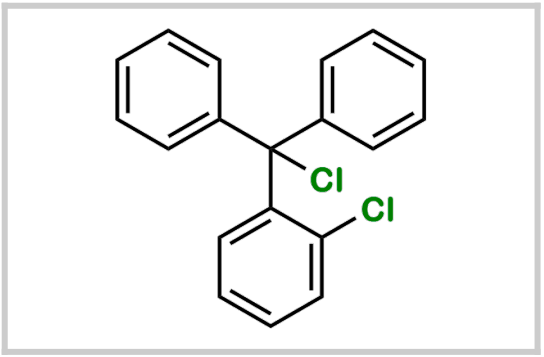
Chemical Name :
1-Chloro-2-(chlorodiphenylmethyl)benzene

CAT No. : KMC016011

CAS No. : 42074-68-0

Molecular Formula : C19H14Cl2

Molecular Weight : 313.2



Analytical Information

Batch No.	: C016011-136-070	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm as a M-Cl
HPLC Purity	: 99.78 %	**IR**	: Confirm
Weight Loss By TGA	: 0.70 %	**1H NMR**	: Confirm
% Potency	: 99.08 %	**13C NMR**	: Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage and store under nitrogen

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.70(Weight Loss By TGA)] x [99.78(HPLC Purity)]/100 = 99.08 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/07/2026

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