

CERTIFICATE OF ANALYSIS

(Certificate No. KMC016003-01)

Release Date: 01/06/2024

Re-test Date: 31/05/2027

Clotrimazole Impurity 7

Identification

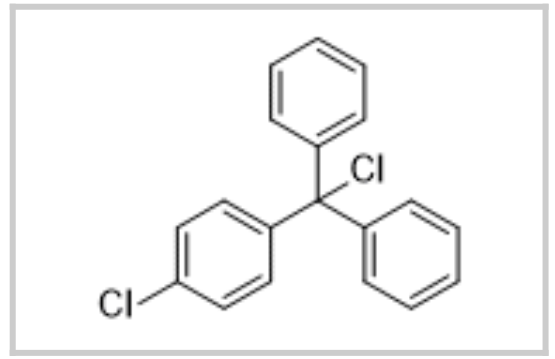
Chemical Name :
(chloro(4-chlorophenyl)methylene)dibenzene

CAT No. : KMC016003

CAS No. : 27023-37-6

Molecular Formula : C₁₉H₁₄Cl₂

Molecular Weight : 313.22



Analytical Information

Batch No. : CLO-IMP-7-073-238

Description : Light Brown Semi Solid

HPLC Purity : 95.12 %

Weight Loss By TGA : 2.67 %

% Potency : 92.58 %

Solubility : Methanol

Mass : Confirm

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 = $[100 - 2.67(\text{Weight Loss By TGA})] \times [95.12(\text{HPLC Purity})]/100 = 92.58 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/06/2024
Reviewed & Approved By	Quality Control	Parag Patel		01/06/2024

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR