CERTIFICATE OF ANALYSIS

(Certificate No. KMC016003-01)

Release Date: 01/06/2024 **Re-test Date:** 31/05/2027

Clotrimazole Impurity 7

Identification

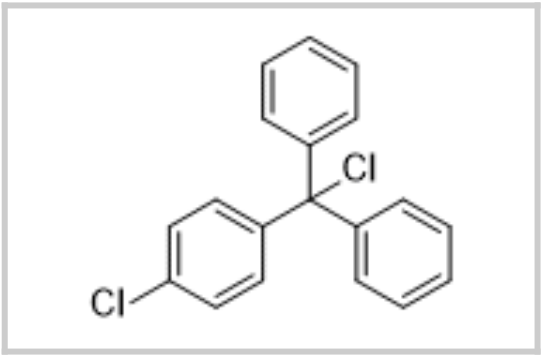
Chemical Name :
(chloro(4-chlorophenyl)methylene)dibenzene

CAT No. : KMC016003

CAS No. : 27023-37-6

Molecular Formula : C19H14Cl2

Molecular Weight : 313.22



Analytical Information

Batch No.	: CLO-IMP-7-073-238	**Solubility**	: Methanol
Description	: Light Brown Semi Solid	**Mass**	: Confirm
HPLC Purity	: 95.12 %	**IR**	: Confirm
Weight Loss By TGA	: 2.67 %	**1H NMR**	: Confirm
% Potency	: 92.58 %	**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(Weight Loss By TGA)] x [95.12(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, 1HNMR, 13CNMR, IR