## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMC016005-01)

**Release Date:** 26/08/2023 **Re-test Date:** 25/07/2024

# **Clotrimazole Impurity C**

#### **Identification**

**Chemical Name:** 

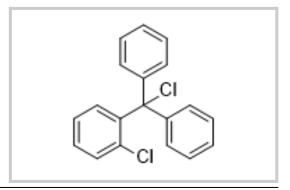
(chloro(2-chlorophenyl)methylene)dibenzene

**CAT No.** : KMC016005

**CAS No.** : 42074-68-0

**Molecular Formula** : C19H14Cl2

**Molecular Weight** : 313.22



### **Analytical Information**

Batch No. : CLT-IMP-C-073-290 **Solubility** : Methanol : Off White solid **Description Mass** : Confirm **HPLC Purity** : 99.75 % IR : Confirm Weight Loss By TGA : 0.63 % 1H NMR : Confirm

**% Potency** : 99.12 %

#### **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 - 0.63(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 99.12 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/08/2023
Reviewed & Approved By	Quality Control	Jatin Patel		26/08/2023

Attachments : COA, HPLC, MASS, 1HNMR,IR and LOD