

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC016003-01)

Release Date: 01/06/2024

Re-test Date: 31/05/2027

## Clotrimazole Impurity 7

### Identification

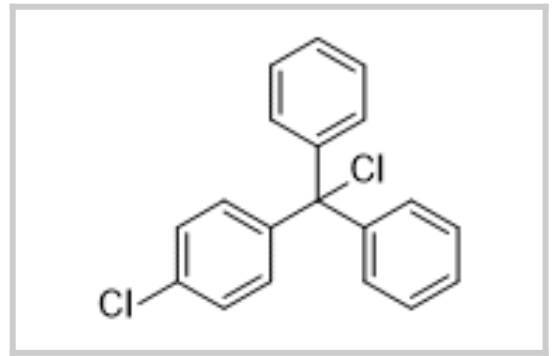
**Chemical Name :**  
(chloro(4-chlorophenyl)methylene)dibenzene

**CAT No.** : KMC016003

**CAS No.** : 27023-37-6

**Molecular Formula** : C<sub>19</sub>H<sub>14</sub>Cl<sub>2</sub>

**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

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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
<b>Prepared By</b>	Analytical	Jignesh Patel		01/06/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Parag Patel		01/06/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR