

CERTIFICATE OF ANALYSIS

(Certificate No. KMC016013-01)

Release Date: 25/06/2025

Re-test Date: 24/06/2028

Clotrimazole Impurity - E

Identification

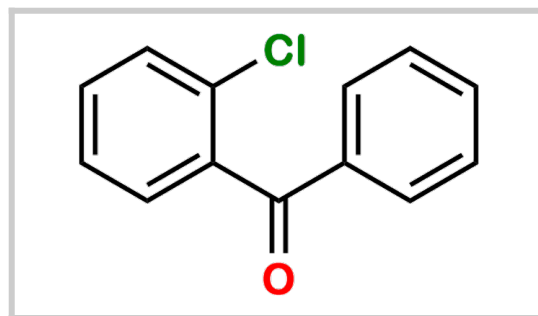
Chemical Name :
(2-Chlorophenyl)phenylmethanone (2-chlorobenzophenone),

CAT No. : KMC016013

CAS No. : 5162-03-8

Molecular Formula : C₁₃H₉ClO

Molecular Weight : 216.6



Analytical Information

Batch No. : C016013-102-078

Description : White Solid

HPLC Purity : 98.67 %

Weight Loss By TGA : 0.21 %

% Potency : 98.46 %

Solubility : Acetonitrile

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 - 0.21(Weight Loss By TGA)] x [98.67(HPLC Purity)]/100 = 98.46 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|----------------|-----------|------------|
| Prepared By | Analytical | Payal Kapuriya | | 26/06/2025 |
| Reviewed & Approved By | Quality Control | Viraj Akabri | | 26/06/2025 |

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