CERTIFICATE OF ANALYSIS

(Certificate No. KMC016013-01)

Release Date: 25/06/2025 **Re-test Date:** 24/06/2028

Clotrimazole Impurity - E

Identification

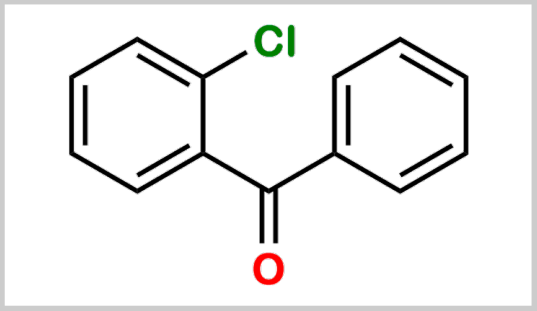
Chemical Name :
(2-Chlorophenyl)phenylmethanone (2-chlorobenzophenone),

CAT No. : KMC016013

CAS No. : 5162-03-8

Molecular Formula : C13H9ClO

Molecular Weight : 216.6



Analytical Information

Batch No.	: C016013-102-078	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.67 %	**IR**	: Confirm
Weight Loss By TGA	: 0.21 %	**1H NMR**	: Confirm
% Potency	: 98.46 %	**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