

CERTIFICATE OF ANALYSIS

(Certificate No. KMC021005-01)

Release Date: 28/01/2026

Re-test Date: 27/01/2029

Clonazepam Related Compound B

Identification

Chemical Name :
(2-Amino-5-nitrophenyl)(2-chlorophenyl)methanone

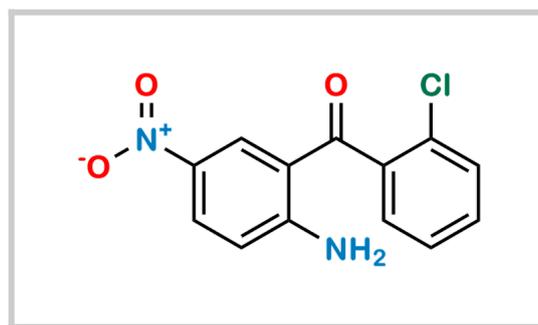
Alt. Name : Clonazepam USP Related Compound B

CAT No. : KMC021005

CAS No. : 2011-66-7

Molecular Formula : C₁₃H₉ClN₂O₃

Molecular Weight : 276.7



Analytical Information

Batch No. : C021005-114-127

Description : Yellow Solid

HPLC Purity : 99.96 %

Weight Loss By TGA : 3.63 %

% Potency : 96.33 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 - 3.63(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 96.33 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/01/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA