

CERTIFICATE OF ANALYSIS

(Certificate No. KMT003002-01)

Release Date: 16/09/2023

Re-test Date: 15/09/2026

Temazepam EP Impurity A

Identification

Chemical Name :

[5-chloro-2-(methylamino)phenyl]phenylmethanone

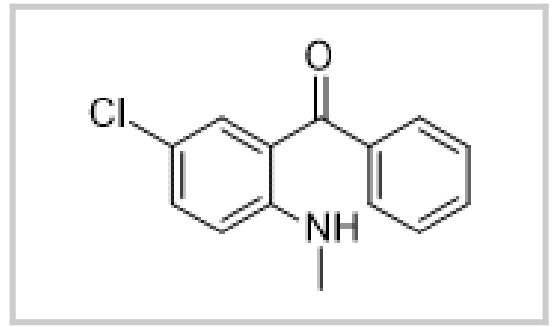
Alt. Name : Temazepam USP Related Compound A

CAT No. : KMT003002

CAS No. : 1022-13-5

Molecular Formula : C₁₄H₁₂ClNO

Molecular Weight : 245.70



Analytical Information

Batch No. : TEM-IMP-A-045-267

Solubility : ACN

Description : Yellow Solid

Mass : Confirm

HPLC Purity : 99.07 %

IR : Confirm

Weight Loss By TGA : 0.03 %

¹H NMR : Confirm

% Potency : 99.04 %

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 - 0.03(Weight Loss By TGA)] x [99.07(HPLC Purity)]/100 = 99.04 %

Remarks : COA Re-generated on 25.05.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/05/2024

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