CERTIFICATE OF ANALYSIS

(Certificate No. KMT003002-01)

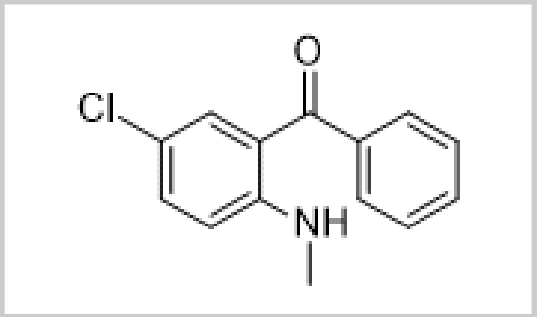
Release Date: 27/12/2025 **Re-test Date:** 26/12/2028

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	: 98.56 %	**IR**	: Confirm
Weight Loss By TGA	: 0.10 %	**1H NMR**	: Confirm
% Potency	: 98.46 %		

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 - 0.10(Weight Loss By TGA)] x [98.56(HPLC Purity)]/100 = 98.46 %
Remarks : COA Re-generated on 25.05.2024
-Re-tested on 27.12.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/12/2025

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