

CERTIFICATE OF ANALYSIS

(Certificate No. KMT003008-01)

Release Date: 16/09/2023

Re-test Date: 15/09/2026

Temazepam EP Impurity H

Identification

Chemical Name :

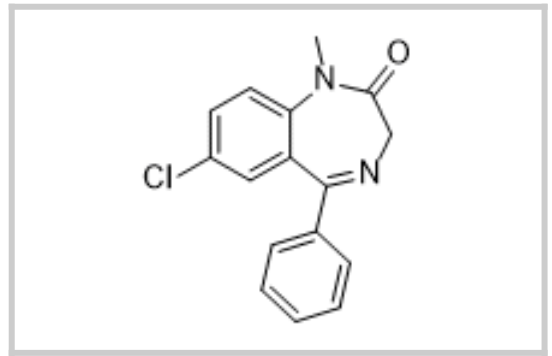
7-chloro-1-methyl-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one

CAT No. : KMT003008

CAS No. : 439-14-5

Molecular Formula : C₁₆H₁₃ClN₂O

Molecular Weight : 284.74



Analytical Information

Batch No. : TEM-DIA-045-274

Description : Off White Solid

HPLC Purity : 99.35 %

Weight Loss By TGA : 0.13 %

% Potency : 99.22 %

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 - 0.13(Weight Loss By TGA)] x [99.35(HPLC Purity)]/100 = 99.22 %

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