CERTIFICATE OF ANALYSIS

(Certificate No. KMT003008-01)

Release Date: 14/09/2026 **Re-test Date:** 13/09/2029

Temazepam EP Impurity H

Identification

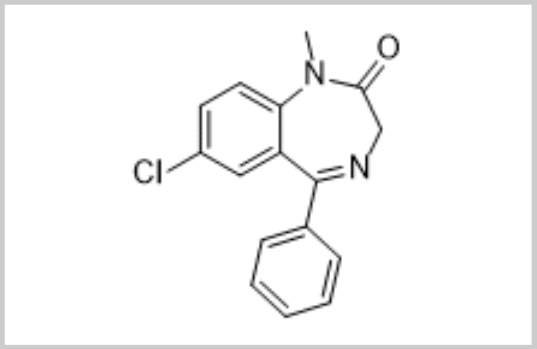
Chemical Name :
7-chloro-1-methyl-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one

CAT No. : KMT003008

CAS No. : 439-14-5

Molecular Formula : C16H13ClN2O

Molecular Weight : 284.74



Analytical Information

Batch No.	: TEM-DIA-045-274	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.19 %	**IR**	: Confirm
Weight Loss By TGA	: 0.32 %	**1H NMR**	: Confirm
% Potency	: 98.87 %		

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 - 0.32(Weight Loss By TGA)] x [99.19(HPLC Purity)]/100 = 98.87 %
Remarks : COA Re-generated on 25.05.2024
-Re-tested on 14.09.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		14/09/2026

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