CERTIFICATE OF ANALYSIS

(Certificate No. KMT003004-01)

Release Date: 15/09/2026 **Re-test Date:** 14/09/2029

Temazepam EP Impurity C

Identification

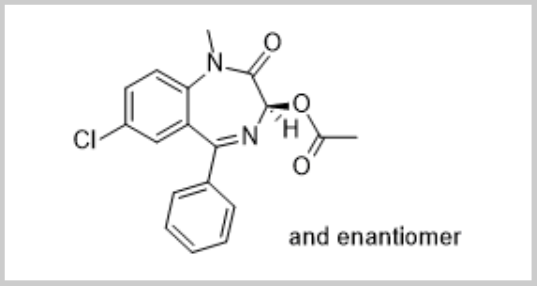
Chemical Name :
(3RS)-7-chloro-1-methyl-2-oxo-5-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-3-yl acetate

CAT No. : KMT003004

CAS No. : 18818-64-9

Molecular Formula : C18H15ClN2O3

Molecular Weight : 342.78



Analytical Information

Batch No. : TEM-IMP-C-045-269

Description : White Solid

HPLC Purity : 97.39 %

Weight Loss By TGA : 2.26 %

% Potency : 95.19 %

Solubility : ACN : WATER (1:1)

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 - 2.26(Weight Loss By TGA)] x [97.39(HPLC Purity)]/100 = 95.19 %
Remarks : COA Re-generated on 25.05.2024
-Re-tested on 15.09.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		15/09/2026

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