CERTIFICATE OF ANALYSIS

(Certificate No. KMZ005015-01)

Release Date: 12/11/2025 **Re-test Date:** 11/11/2028

ESZOPICLONE IMPURITY-B

Identification

Chemical Name :
(7RS)-6-(5-Chloropyridin-2-yl)-7-hydroxy-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-one (as per EP) ; 6-(5-Chloropyridin-2-yl)-7-hydroxy-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-one (as per USP)

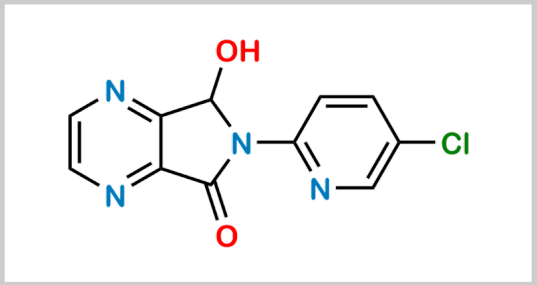
Alt. Name : Zopiclone alcohol (USP)

CAT No. : KMZ005015

CAS No. : 43200-81-3

Molecular Formula : C11H7ClN4O2

Molecular Weight : 262.7



Analytical Information

Batch No. : Z005015-102-375

Description : White solid

HPLC Purity : 99.89 %

Weight Loss By TGA : 0.06 %

% Potency : 99.83 %

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 - 0.06(Weight Loss By TGA)] x [99.89(HPLC Purity)]/100 = 99.83 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/11/2025

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