

CERTIFICATE OF ANALYSIS

(Certificate No. KMD064005-01)

Release Date: 26/07/2025

Re-test Date: 25/07/2028

Desloratadine USPRS

Identification

Chemical Name :

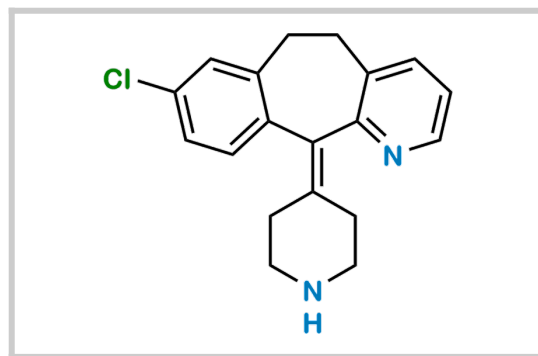
8-Chloro-6,11-dihydro-11-(4-piperdinylidene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine ;

CAT No. : KMD064005

CAS No. : 100643-71-8

Molecular Formula : C₁₉H₁₉ClN₂

Molecular Weight : 310.8



Analytical Information

Batch No. : D064005-102-153

Description : Off White Solid

HPLC Purity : 99.94 %

Weight Loss By TGA : 0.07 %

% Potency : 99.87 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.07(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.87 %

USP Catalog No & Lot No :- 1173042 - F006W0

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA