

CERTIFICATE OF ANALYSIS

(Certificate No. KMD064033-01)

Release Date: 28/03/2025

Re-test Date: 27/03/2028

Desloratadine Related Compound F

Identification

Chemical Name :

4-(8-Chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)piperidine-1-carbaldehyde

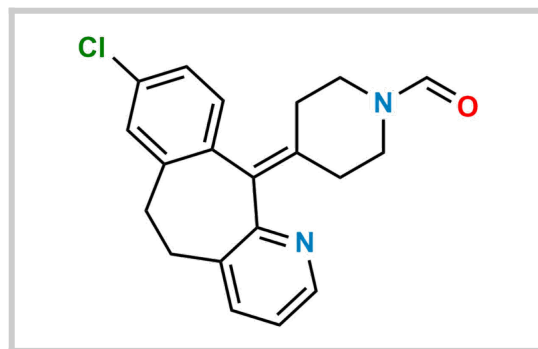
Alt. Name : Desloratadine USP Related Compound F

CAT No. : KMD064033

CAS No. : 117810-61-4

Molecular Formula : C₂₀H₁₉ClN₂O

Molecular Weight : 338.8



Analytical Information

Batch No. : D064033-091-298

Description : Off White Solid

HPLC Purity : 99.41 %

Weight Loss By TGA : 3.81 %

% Potency : 95.62 %

Solubility : Acetonitrile

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 - 3.81(Weight Loss By TGA)] x [99.41(HPLC Purity)]/100 = 95.62 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/03/2025

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