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

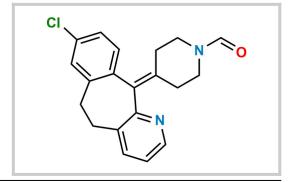
Alt. Name : Desloratadine USP Related

Compound F

CAT No. : KMD064033 **CAS No.** : 117810-61-4

Molecular Formula : C20H19ClN2O

Molecular Weight : 338.8



Analytical Information

Batch No. : D064033-091-298 **Solubility** : Acetonitrile **Description** : Off White Solid Mass : Confirm **HPLC Purity** : 99.41 % IR : Confirm Weight Loss By TGA : 3.81 % 1H NMR : Confirm

% Potency : 95.62 %

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