CERTIFICATE OF ANALYSIS

(Certificate No. KMD064033-01)

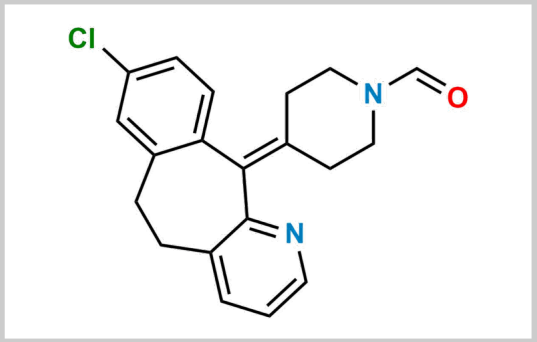
Release Date: 28/03/2025 **Re-test Date:** 27/03/2028

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