# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML095023-01)

**Release Date:** 19/08/2025 **Re-test Date:** 18/08/2028

# **Loratadine Related Compound A**

### **Identification**

#### **Chemical Name:**

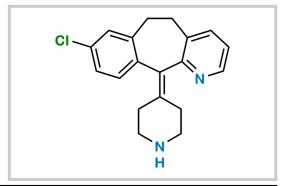
8-Chloro-11-(piperidin-4-ylidene)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine (as per EP)

**Alt. Name** : Desloratadine ; Loratadine USP

Related Compound A

**CAT No.** : KML095023 **CAS No.** : 100643-71-8 **Molecular Formula** : C19H19ClN2

**Molecular Weight** : 310.8



## **Analytical Information**

Description: Off White SolidMass: ConfirmHPLC Purity: 99.80 %IR: ConfirmWeight Loss By TGA: 0.45 %1H NMR: Confirm

**% Potency** : 99.35 %

### **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 - 0.45(Weight Loss By TGA)] x [99.80(HPLC Purity)]/100 = 99.35 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/08/2025

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