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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

Product Name: Loratadine EP Impurity G

Identification:

Chemical Name: 8-Chloro-6,11-dihydro-11-(N-methyl-4-piperinylidene)-5H-benzo[5,6]cyclohepta[1,2-b] pyridine

Synonyms : N-Methyl desloratadine ;
Loratadine USP Related
compound B

CAS Number : 38092-89-6

CAT Number : CP-L5007

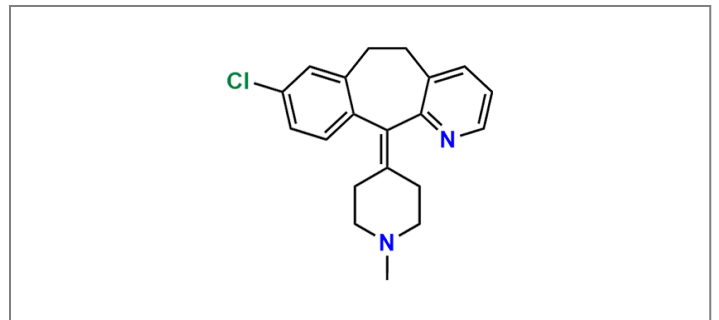
Molecular Formula : C₂₀H₂₁ClN₂

Molecular Weight : 324.85

Batch Number : CP-LOR-G-0824

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is
mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White to Light Pink Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.36%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.