

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

Product Name: Carbamazepine EP Impurity D

Identification:

Chemical Name: 5H-Dibenz[b,f]azepine

Synonyms : Carbamazepine USP Related
Compound B

CAS Number : 256-96-2

CAT Number : CP-C8004

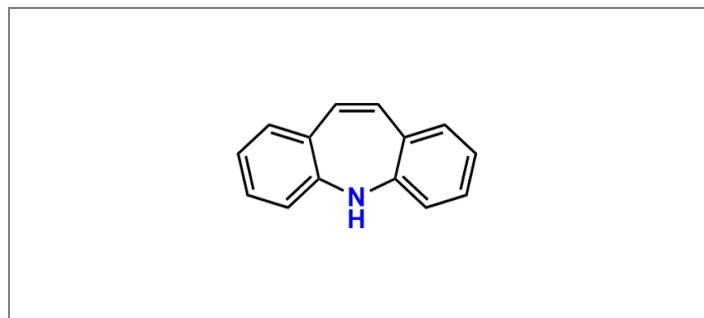
Molecular Formula : C₁₄H₁₁N

Molecular Weight : 193.24

Batch Number : CP-CAR-D-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	Orange Solid
2)	Solubility	Soluble in Methanol +ACN(3 drop)/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.14%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.314%
9)	Potency by TGA	97.82%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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