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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

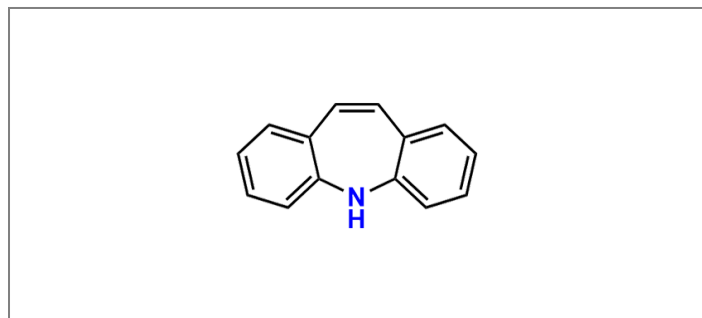
Molecular Formula : C₁₄H₁₁N

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/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.14%
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.