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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

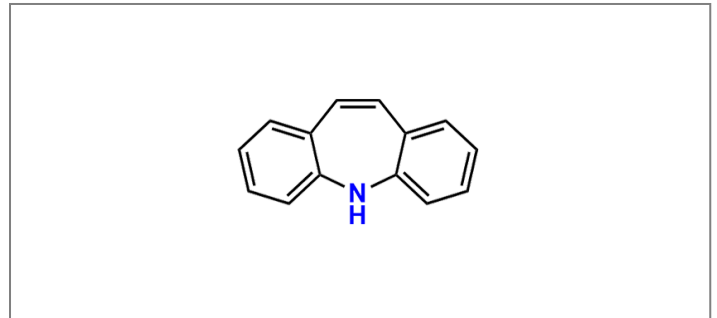
Molecular Formula : C<sub>14</sub>H<sub>11</sub>N

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



**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.