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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2026

**Product Name: Carbamazepine EP Impurity A**

### Identification:

Chemical Name: 10,11-dihydro-5H-dibenzo[b,f]azepine-5-carboxamide

Synonyms : Carbamazepine USP Related  
Compound A ; 10,11-  
dihydrocarbamazepine (EP &  
USP)

CAS Number : 3564-73-6

CAT Number : CP-C8001

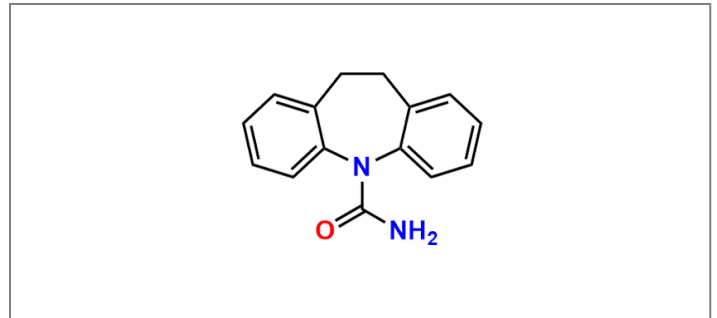
Molecular Formula : C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>O

Molecular Weight : 238.29

Batch Number : CP-CAR-A-0623

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    | White Solid              |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to structure     |
| 4)      | Purity By HPLC | 99.85%                   |
| 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.