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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

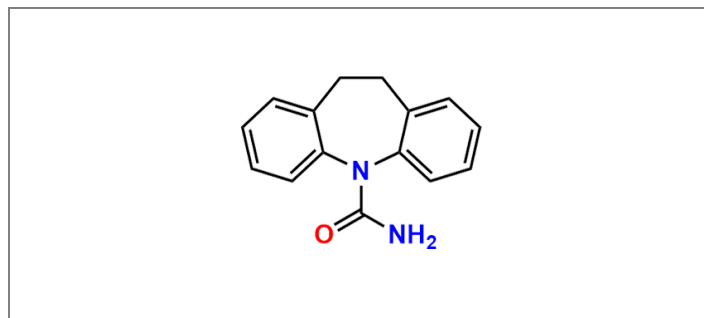
Molecular Formula : C₁₅H₁₄N₂O

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
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.318 %
9)	Potency by TGA	99.53%



Prepared and Reviewed By

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

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

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

Ms Rohini Gagare
(QA Head)

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