

CERTIFICATE OF ANALYSIS

(Certificate No. KMC029002-01)

Release Date: 27/05/2024

Re-test Date: 26/05/2027

Carbamazepine EP Impurity E

Identification

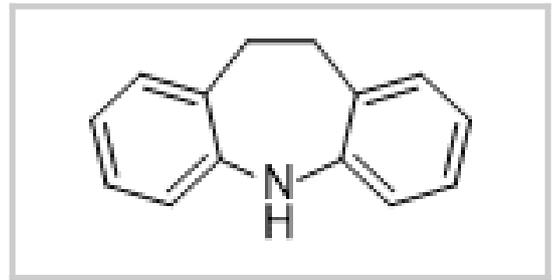
Chemical Name :
10,11-dihydro-5H-dibenzo[b,f]azepine

CAT No. : KMC029002

CAS No. : 494-19-9

Molecular Formula : C₁₄H₁₃N

Molecular Weight : 195.26



Analytical Information

Batch No. : CAR-EPE-073-235

Description : Light Brown Solid

HPLC Purity : 99.75 %

Weight Loss By TGA : 0.03 %

% Potency : 99.72 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.03(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 99.72 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		24/01/2026

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA