CERTIFICATE OF ANALYSIS

(Certificate No. KMC029002-01)

Release Date: 27/05/2024 **Re-test Date:** 26/05/2027

Carbamazepine EP Impurity E

Identification

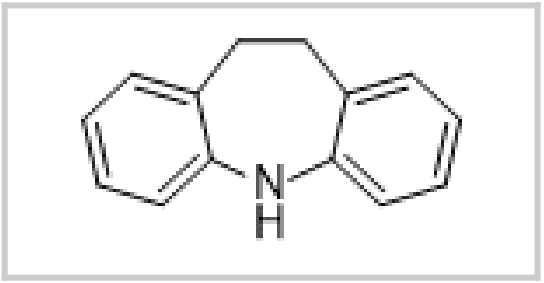
Chemical Name :
10,11-dihydro-5H-dibenzo[b,f]azepine

CAT No. : KMC029002

CAS No. : 494-19-9

Molecular Formula : C14H13N

Molecular Weight : 195.26



Analytical Information

Batch No.	: CAR-EPE-073-235	**Solubility**	: ACN
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.75 %	**IR**	: Confirm
Weight Loss By TGA	: 0.03 %	**1H NMR**	: Confirm
% Potency	: 99.72 %		

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