CERTIFICATE OF ANALYSIS

(Certificate No. KMC029013-01)

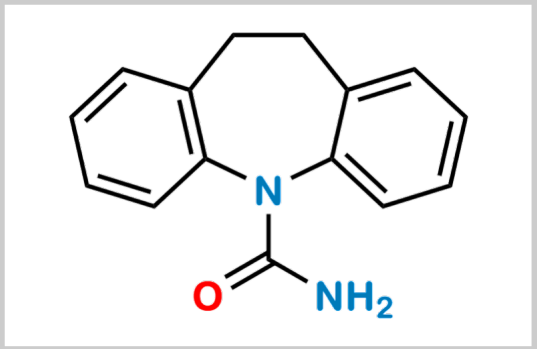
Release Date: 22/01/2026 **Re-test Date:** 21/01/2029

Carbamazepine EP Impurity A

Identification

Chemical Name :
10,11-Dihydro-5H-dibenzo[b,f]azepine-5-carboxamide (as per EP)

Alt. Name	: Carbamazepine USP Related Compound A ; 10,11-dihydrocarbamazepine (EP & USP)
CAT No.	: KMC029013
CAS No.	: 3564-73-6
Molecular Formula	: C15H14N2O
Molecular Weight	: 238.3



Analytical Information

Batch No.	: C029013-114-107	**Solubility**	: Acetonitrile
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.76 %	**IR**	: Confirm
Weight Loss By TGA	: 0.31 %	**1H NMR**	: Confirm
% Potency	: 99.45 %		

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 - 0.31(Weight Loss By TGA)] x [99.76(HPLC Purity)]/100 = 99.45 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		22/01/2026

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