CERTIFICATE OF ANALYSIS

(Certificate No. KMA010003-01)

Release Date: 20/10/2026 **Re-test Date:** 19/10/2029

Amitriptyline

Identification

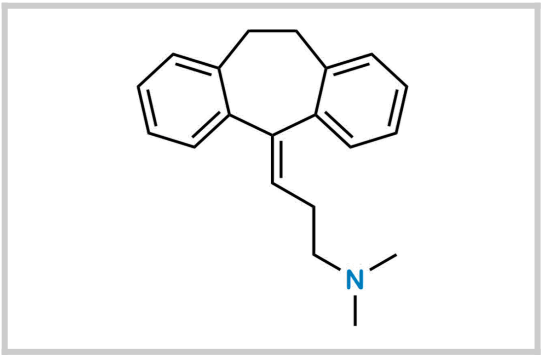
Chemical Name :
3-(10,11-Dihydro-5H-dibenzo[a,d]cycloheptene-5-ylidene)-N,N-dimethylpropan-1-amine

CAT No. : KMA010003

CAS No. : 50-48-6

Molecular Formula : C20H23N

Molecular Weight : 277.4



Analytical Information

Batch No.	: A010003-136-302	**Solubility**	: Acetonitrile
Description	: Colorless Liquid	**Mass**	: Confirm
HPLC Purity	: 99.57 %	**IR**	: Confirm
Weight Loss By TGA	: 4.27 %	**1H NMR**	: Confirm
% Potency	: 95.32 %		

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 - 4.27(Weight Loss By TGA)] x [99.57(HPLC Purity)]/100 = 95.32 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Ravi Sakhiya		20/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		20/10/2026

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