CERTIFICATE OF ANALYSIS

(Certificate No. KMA010005-01)

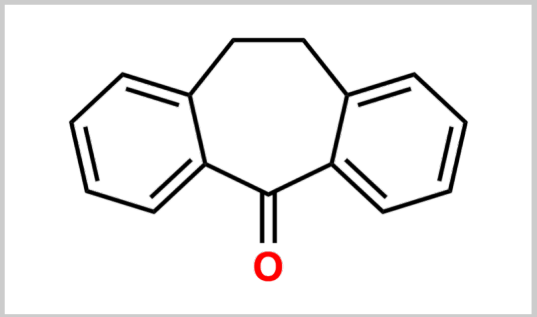
Release Date: 11/12/2024 **Re-test Date:** 10/12/2027

Amitriptyline Related Compound A

Identification

Chemical Name :
10,11-Dihydro-5H-dibenzo[a,d][7]annulen-5-one (as per EP)

Alt. Name	: Amitriptyline USP Related Compound A ; Dibenzosuberone (EP & USP)
CAT No.	: KMA010005
CAS No.	: 1210-35-1
Molecular Formula	: C15H12O
Molecular Weight	: 208.3



Analytical Information

Batch No.	: A010005-091-072	**Solubility**	: Water
Description	: Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 98.33 %	**IR**	: Confirm
Weight Loss By TGA	: 0.04 %	**1H NMR**	: Confirm
% Potency	: 98.29 %		

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 - 0.04(Weight Loss By TGA)] x [98.33(HPLC Purity)]/100 = 98.29 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		11/12/2024

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