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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

**Product Name: Amitriptyline EP Impurity A**

### Identification:

Chemical Name: 10,11-Dihydro-5H-dibenzo[a,d][7]annulen-5-one

Synonyms : Amitriptyline USP Related  
Compound A ; Dibenzosuberone

CAS Number : 1210-35-1

CAT Number : CP-A39001

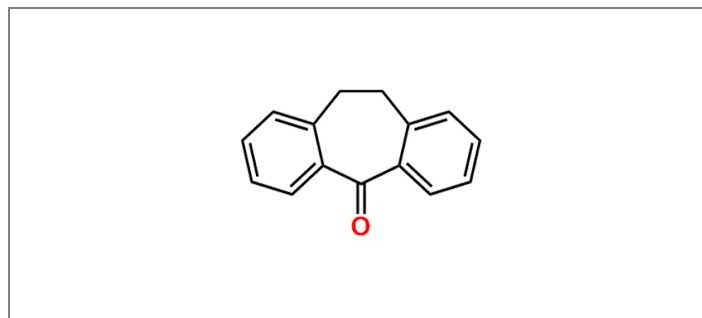
Molecular Formula : C<sub>15</sub>H<sub>12</sub>O

Molecular Weight : 208.25

Batch Number : CP-AMI-A-1124

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.36%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	0.039%
7)	Potency by TGA	98.32%



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.