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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Carvedilol Carbazole Impurity**

#### Identification:

Chemical Name: 9H-Carbazole

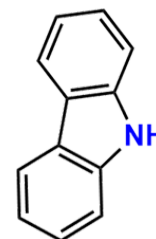
Synonyms : Carbazole ; Carprofen USP  
Related Compound A ;  
Dibenzopyrrole ;  
Diphenylenimine

CAS Number : 86-74-8

CAT Number : CP-C10014

Molecular Formula : C<sub>12</sub>H<sub>9</sub>N

Molecular Weight : 167.21



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**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.