









Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs, Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Re-test Date:

Product Name: Carvedilol Impurity 19

Identification:

 $\label{lem:carbazol-4-yl)oxy} Chemical Name: (2S,3R,4S,5R,6R)-2-(((2R,3R,4R,5R)-6-(((S)-3-((9H-carbazol-4-yl)oxy)-2-hydroxypropyl)(2-(2-methoxyphenoxy)ethyl)amino)-4,5-dihydroxy-2-(hydroxymethyl)tetrahydro-2H-pyran-3-yl)oxy)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol$

Synonyms : NA
CAS Number : NA

CAT Number : CP-C10056

Molecular Formula : C36H46N2O14

Molecular Weight : 730.76

NH OH OH OH OH OH OH OH

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

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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.