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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

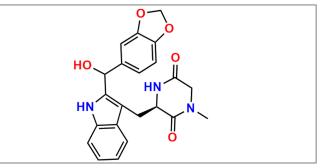
Re-test Date:

Product Name: Tadalafil Impurity 110 (Mixture of Diastereomers)

## Identification:

Chemical Name: (3R)-3-((2-(benzo[d][1,3]dioxol-5-yl(hydroxy)methyl)-1H-indol-3-yl)methyl)-1-methylpiperazine-2,5-dione

| Synonyms          | : | NA         |
|-------------------|---|------------|
| CAS Number        | : | NA         |
| CAT Number        | : | CP-T31097  |
| Molecular Formula | : | C22H21N3O5 |
| Molecular Weight  | : | 407.43     |



## **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.