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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Citalopram Dihydroxy Impurity

Identification:

Chemical Name: 4-{4-(Dimethylamino)-[(4'-fluorophenyl)-1-hydroxybutyl]-3-(hydroxymethyl)}benzonitrile HBr

Synonyms : Escitalopram USP Related
Compound A (HBr Salt) ; Citadiol
HBr

CAS Number : 103146-26-5

CAT Number : CP-C23008

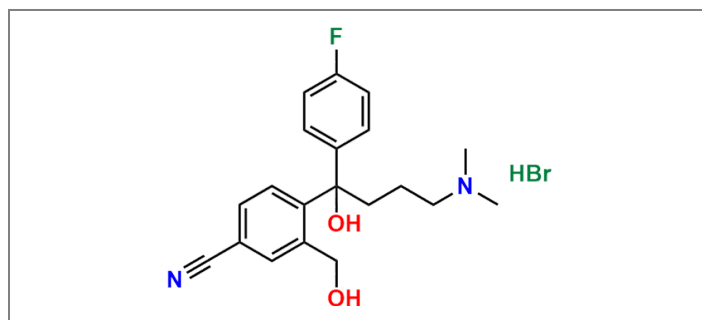
Molecular Formula : C₂₀H₂₃FN₂O₂ : HBr

Molecular Weight : 342.4 : 80.9

Batch Number : CP-CIT-DIH-0125

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 | White to Off White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.74 % |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |
| 8) | Weight loss by TGA | 0.109 % |
| 9) | Potency by TGA | 99.63 % |



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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