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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: N-Nitroso Desmethyl Citalopram

Identification:

Chemical Name: N-(3-(5-Cyano-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-1-yl)propyl)-N-methylnitrous Amide

Synonyms : N-Nitroso Escitalopram EP
Impurity D

CAS Number : NA

CAT Number : CP-C23023

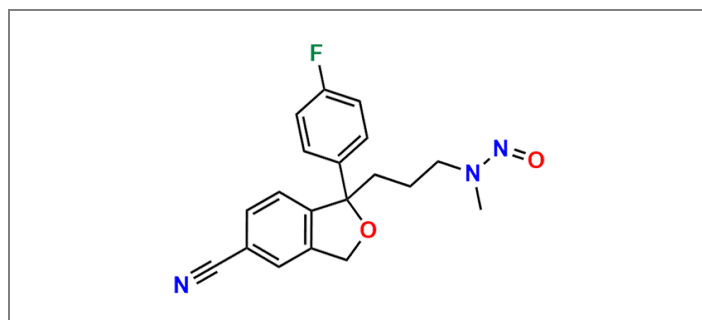
Molecular Formula : C₁₉H₁₈FN₃O₂

Molecular Weight : 339.37

Batch Number : CP-CIT-DNIT-1023

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 | Yellow Thick Oil |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 94.65% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | ¹³ C NMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |
| 8) | Weight loss by TGA | 1.114% |
| 9) | Potency by TGA | 93.59% |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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