



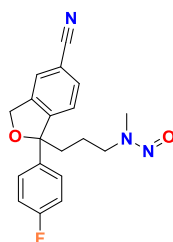
COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS**Product Name:** N-Nitroso Escitalopram EP Impurity D (N-NITROSO DESMETHYL AMINOPROPYL CHLORIDE)**CAS NO:** NA**Batch No:** SRC-167-AM-020**Catalogue No:** SRC-N014356**Date of Analysis:** 18 May 2024**Retest Date:** 18 May 2026**Structure:****Chemical Name** N-(3-(5-cyano-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-1-yl)propyl)-N-methylnitrous amide**Molecular Formula** C₁₉H₁₈FN₃O₂**Molecular Weight** 339.36g/mol**Sr. No.** **Test** **Result**1) **Description** Light Green Oil2) **Solubility** Soluble in DMSO, Methanol3) **Identification**
1. **Mass** Confirm to structure
2. **¹H NMR** Confirm to structure
3. **IR** Confirm to structure4) **Purity by HPLC** 99.16%**Long Term Storage condition** Store at 20 to 80c**Shipping Condition** Ambient**Note:** This is only for Analytical testing purpose, not for Human or Animal Consumption.**Note:** N-Nitroso Escitalopram EP Impurity D is highly toxic organic compound and suspected human carcinogen. Handle the material carefully with proper safety measures

Signature

Date

Checked By**Approved By**