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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## Product Name: Clomipramine Impurity 17

## Identification:

Chemical Name: 1-(3-Bromo-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)ethan-1-one

| Synonyms          | : NA         |    |
|-------------------|--------------|----|
| CAS Number        | : 92483-81-3 | Br |
| CAT Number        | : CP-C30043  |    |
| Molecular Formula | : C16H14BrNO |    |
| Molecular Weight  | : 316.2      |    |
|                   |              |    |

## **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.