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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## Product Name: Chlorpromazine Impurity 3

## Identification:

Chemical Name: 3-(2`,8-Dichloro-10H-[3,10`-biphenothiazin]-10-yl)-N,N-dimethylpropan-1-amine

| Synonyms          | : NA            | I                |
|-------------------|-----------------|------------------|
| CAS Number        | : 2375606-72-5  | ~ <sup>N</sup> \ |
| CAT Number        | : CP-C19021     | ci Ci            |
| Molecular Formula | : C29H25Cl2N3S2 |                  |
| Molecular Weight  | : 550.56        | N S S            |
|                   |                 | °                |

#### **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.