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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

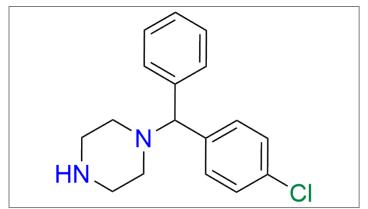
Re-test Date:

## Product Name: Buclizine Impurity 2

## Identification:

Chemical Name: 1-((4-Chlorophenyl)(phenyl)methyl)piperazine

| Synonyms          | : | Hydroxyzine USP Related<br>Compound A |
|-------------------|---|---------------------------------------|
| CAS Number        | : | 303-26-4                              |
| CAT Number        | : | CP-B30002                             |
| Molecular Formula | : | C17H19CIN2                            |
| Molecular Weight  | : | 286.80                                |
|                   |   |                                       |



### **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.