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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

Product Name: Norethindrone Impurity 23 (6-beta-Hydroxy-19-Norandrostenedione)

## Identification:

Chemical Name: (6R,8R,9S,10R,13S,14S)-6-hydroxy-13-methyl-1,6,7,8,9,10,11,12,13,14,15,16-dodecahydro-3H-cyclopenta[a]phenanthrene-3,17(2H)-dione

| Synonyms          | : NA        | Structure not available |
|-------------------|-------------|-------------------------|
| CAS Number        | : 5949-49-5 |                         |
| CAT Number        | : CP-N52025 |                         |
| Molecular Formula | : C18H24O3  |                         |
| Molecular Weight  | : 288.39    |                         |
|                   |             |                         |

## **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 | >98%                     |
| 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.

