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## **CERTIFICATE OF ANALYSIS**

Analysis Date: Jun 2022

Re-test Date: May 2025

## Product Name: Methylprednisolone 17-Propionate

## Identification:

Chemical Name: (65,85,95,10R,135,145,17R)-11-hydroxy-17-(2-hydroxyacetyl)-6,10,13-trimethyl-3-oxo-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl propionate

| Synonyms           | : 6-Methyl Prednisolone 17-<br>Propionate  | HOO |
|--------------------|--|-----|
| CAS Number         | : 79512-61-1   | HO  |
| CAT Number         | : CP-M14016  |     |
| Molecular Formula  | : C25H34O6   | H H |
| Molecular Weight   | : 430.54   |     |
| Batch Number       | : CHEM-MET-17  |     |
| Storage Condition  | : Tightly closed, Inert atmosphere at 2 to 8° C  |     |
| Shipping condition | : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA |     |

## **Analytical Information:**

| Sr. No. | Test           | Result                   |
|---------|----------------|--------------------------|
| 1)      | Description    | White Solid              |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to structure     |
| 4)      | Purity By HPLC | 96.08%                   |
| 5)      | H1NMR          | Confirm to structure     |
| 6)      | 13CNMR         | 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.