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## CERTIFICATE OF ANALYSIS

Analysis Date:

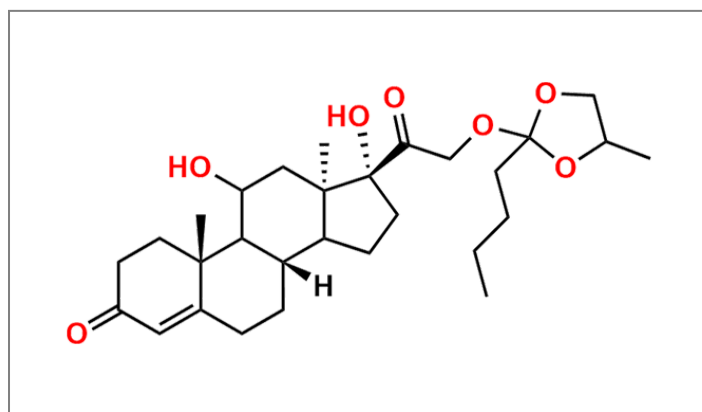
Re-test Date:

**Product Name: Hydrocortisone Impurity 2**

### Identification:

Chemical Name: (8S,10R,13R,17R)-17-(2-((2-Butyl-4-methyl-1,3-dioxolan-2-yl)oxy)acetyl)-11,17-dihydroxy-10,13-dimethyl-1,2,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-H9035  
Molecular Formula : C<sub>29</sub>H<sub>44</sub>O<sub>7</sub>  
Molecular Weight : 504.66



### 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.