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## CERTIFICATE OF ANALYSIS

Analysis Date:

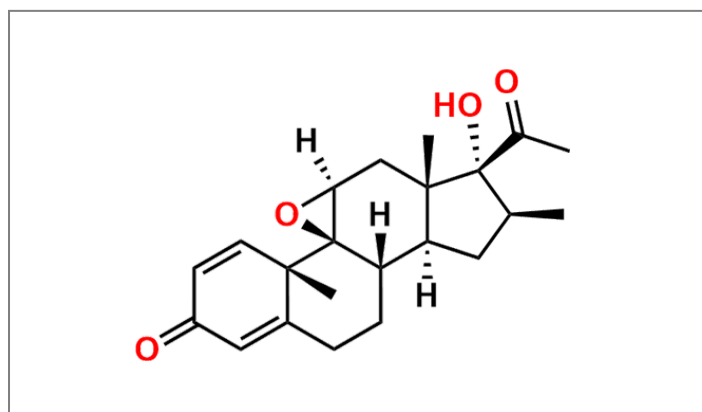
Re-test Date:

**Product Name: Betamethasone Impurity 21**

### Identification:

Chemical Name: (4aS,4bS,5aS,6aS,7R,8S,9aS,9bS)-7-acetyl-7-hydroxy-4a,6a,8-trimethyl-5a,6,6a,7,8,9,9a,9b,10,11-decahydrocyclopenta[1,2]phenanthro[4,4a-b]oxiren-2(4aH)-one

Synonyms : NA  
CAS Number : 37413-99-3  
CAT Number : CP-B25060  
Molecular Formula : C<sub>22</sub>H<sub>28</sub>O<sub>4</sub>  
Molecular Weight : 356.46



### 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.