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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Betamethasone EP Impurity J**

### Identification:

Chemical Name: 17,21-Dihydroxy-16 $\beta$ -methylpregna-1,4-diene-3,20-dione (as per EP & USP)

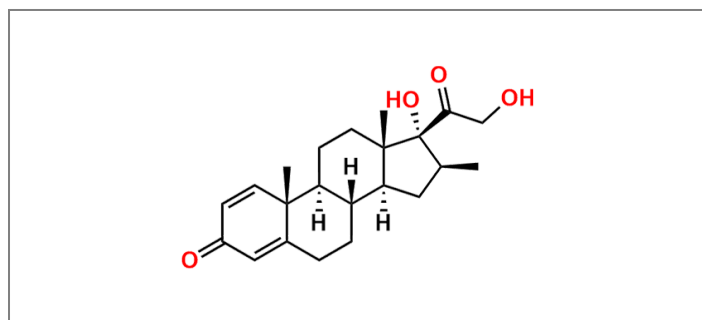
Synonyms : 11-Desoxymeprednisone (USP)

CAS Number : 18383-24-9

CAT Number : CP-B25010

Molecular Formula : C<sub>22</sub>H<sub>30</sub>O<sub>4</sub>

Molecular Weight : 358.48



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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-

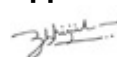


### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.