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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

Product Name: Betamethasone EP Impurity J

Identification:

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

Synonyms : 11-Desoxymeprednisone (USP)

CAS Number : 18383-24-9

CAT Number : CP-B25010

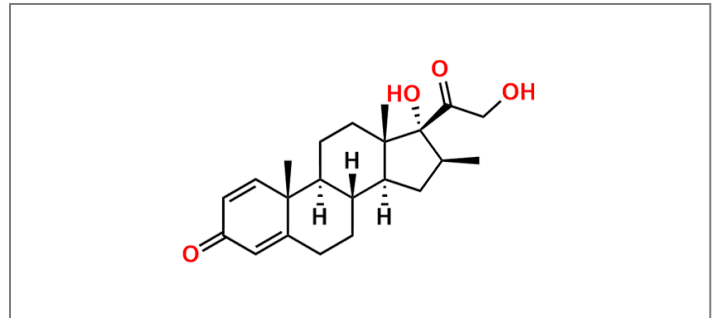
Molecular Formula : C₂₂H₃₀O₄

Molecular Weight : 358.48

Batch Number : CP-BET-J-0824

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	Off White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.34%
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.