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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Nov 2027

Product Name: Budesonide EP Impurity A

Identification:

Chemical Name: $11\beta,16\alpha,17,21$ -Tetrahydroxypregna-1,4-diene-3,20-dione (as per EP & USP)

Synonyms : 16α -Hydroxyprednisolone (USP)
; 16 -Hydroxy-prednisolone

CAS Number : 13951-70-7

CAT Number : CP-B19001

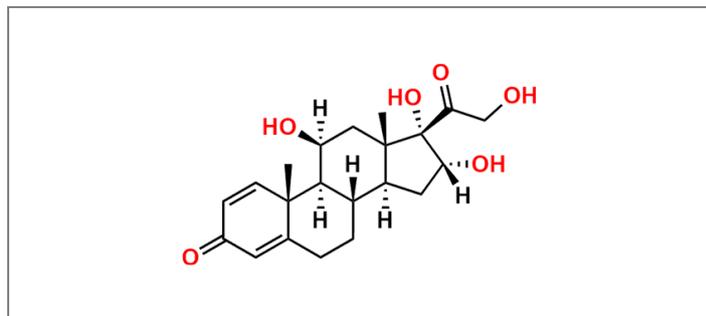
Molecular Formula : $C_{21}H_{28}O_6$

Molecular Weight : 376.45

Batch Number : CP-BUD-A-1025

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	95.86%
5)	1H NMR	Confirm to structure
6)	Weight loss by TGA	0.086%
7)	Potency by TGA	95.77%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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