Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

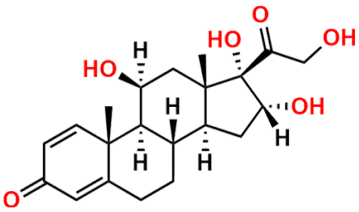
Analysis Date: Oct 2025 Re-test Date: Nov 2027

Product Name: Budesonide EP Impurity A

Identification:

Chemical Name: 11β,16α,17,21-Tetrahydroxypregna-1,4-diene-3,20-dione (as per EP & USP)

Synonyms	:	16α-Hydroxyprednisolone ; 16-Hydroxy-prednisolone
CAS Number	:	13951-70-7
CAT Number	:	CP-B19001
Molecular Formula	:	C21H28O6
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 Spectrometry	Confirm to structure
4)	Purity By HPLC	95.86%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	FT-IR	-
8)	Weight loss by TGA	0.086%
9)	Potency	95.78%

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.