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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

Product Name: Clobetasol Propionate EP Impurity A

Identification:

Chemical Name: 9-Fluoro-11 β ,21-dihydroxy-16 β -methyl-3,20-dioxopregna-1,4-dien-17-yl propanoate (as per EP)

Synonyms : Betamethasone 17 α -propionate
; Betamethasone 17-Propionate

CAS Number : 5534-13-4

CAT Number : CP-C81001

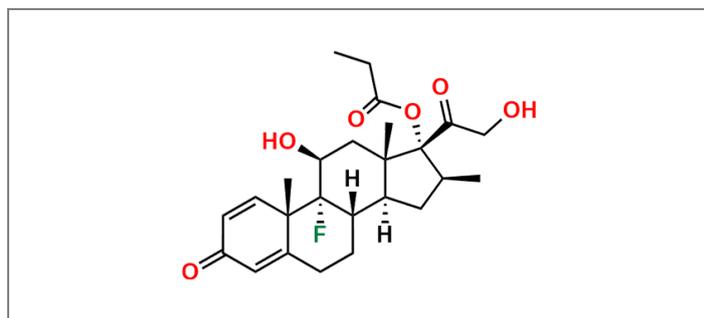
Molecular Formula : C₂₅H₃₃F₀₆

Molecular Weight : 448.52

Batch Number : CP-35-388

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity by HPLC	97.89%
5)	¹ H NMR	Confirm to Structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.198 %
9)	Potency by TGA	97.70%



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.