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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Prednisolone Acetate EP Impurity D

Identification:

Chemical Name: 11 β ,17-dihydroxypregna-1,4-diene-3,20-dione (as per EP)

Synonyms : 21-Deoxyprednisolone

CAS Number : 20423-99-8

CAT Number : CP-P212004

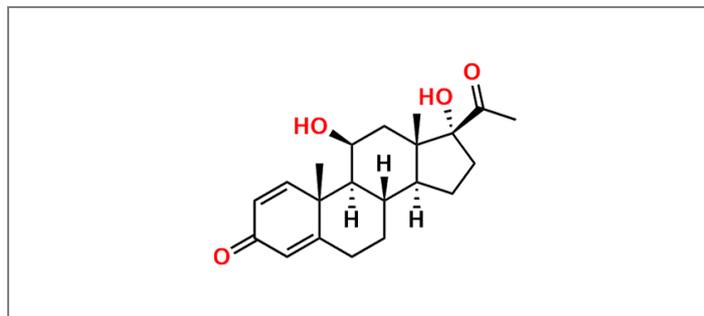
Molecular Formula : C₂₁H₂₈O₄

Molecular Weight : 344.45

Batch Number : CP-26-173

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	Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.19%
5)	¹ H NMR	Confirm to Structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



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.