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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

Product Name: Prednisolone (In House Standard)

Identification:

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

Synonyms : NA

CAS Number : 50-24-8

CAT Number : CP-P74000

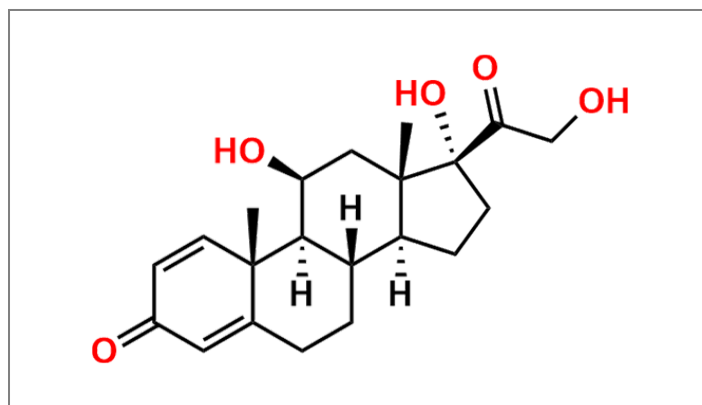
Molecular Formula : C₂₁H₂₈O₅

Molecular Weight : 360.45

Batch Number : CP-PRE-IN-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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.93%
5)	H1NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.281%
8)	Potency by TGA	99.64%



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.