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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2026

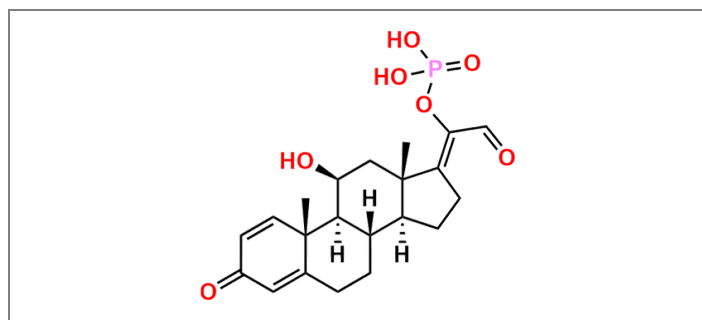
Re-test Date: May 2029

**Product Name: Prednisolone Sodium Phosphate USP Impurity F**

### Identification:

Chemical Name: 21-oxo-20-phosphoryloxy-11 $\beta$ -hydroxypregna-1,4-17-triene-3-one (as per USP)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-P74007  
Molecular Formula : C<sub>21</sub>H<sub>27</sub>O<sub>7</sub>P  
Molecular Weight : 422.41  
Batch Number : CP-PRE-SPF-0626  
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	93.62%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	FT-IR	Confirm to Structure
8)	Weight loss by TGA	2.258
9)	Potency	91.51%

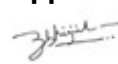


**Prepared and Reviewed By**



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.