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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

**Product Name: Prednisolone EP Impurity A**

### Identification:

Chemical Name: 11 $\beta$ ,17,21-Trihydroxypregn-4-ene-3,20-dione Hydrochloride (as per EP)

Synonyms : NA

CAS Number : 393782-60-0

CAT Number : CP-P20001

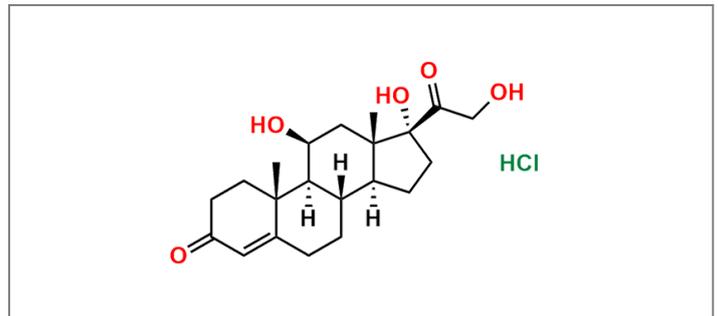
Molecular Formula : C<sub>21</sub>H<sub>30</sub>O<sub>5</sub> : HCl

Molecular Weight : 362.47 : 36.46

Batch Number : CP-HYD-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	99.69%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.050%
7)	Potency by TGA	99.64%



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.