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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

**Product Name: Hydrocortisone EP Impurity C**

### Identification:

Chemical Name: 11 $\beta$ ,17-Dihydroxy-3,20-dioxopregn-4-en-21-yl acetate

Synonyms : Hydrocortisone Acetate

CAS Number : 50-03-3

CAT Number : CP-H9017

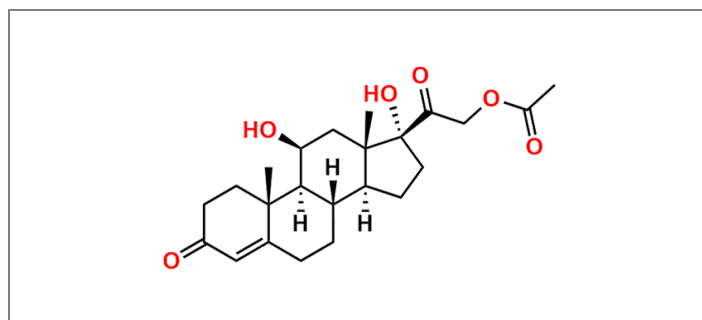
Molecular Formula : C<sub>23</sub>H<sub>32</sub>O<sub>6</sub>

Molecular Weight : 404.5

Batch Number : CP-HYD-C-0124

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	94.19%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



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.