

Analysis Date: 30-07-2025

Re-test Date: 30-07-2028

HYDROCORTISONE EP IMPURITY C

Identification

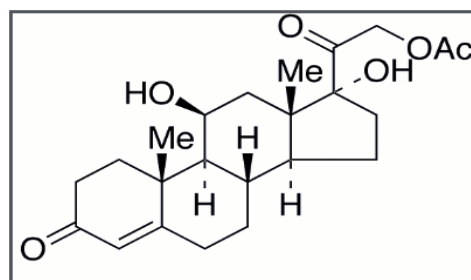
Chemical Name : 11 β ,17-Dihydroxy-3,20-dioxopregn-4-en-21-yl acetate

CAT No : ALL-HYD-1589

CAS No : 50-03-3

Molecular Formula : C₂₃H₃₂O₆

Molecular Weight : 404.50



Analytical Information

Batch Code	: ALL-HYD-1589	HPLC Purity	: 98%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.46 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.215 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.310 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.215 + 0.310) \times 98.00] / 100 = 97.46 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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