

Analysis Date: 25-01-2025

Re-test Date: 25-01-2028

HYDROCORTISONE EP IMPURITY A

Identification

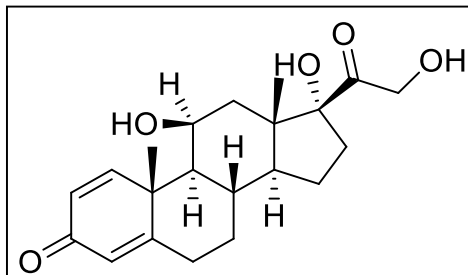
Chemical Name : 11 β ,17,21-Trihydroxypregna-1,4-diene-3,20-dione

CAT No : ALL-HYD-1587

CAS No : 50-24-8

Molecular Formula : C₂₁H₂₈O₅

Molecular Weight : 360.44



Analytical Information

Batch Code	: ALL-HYD-1587	HPLC Purity	: 99.85 %
Solubility	: MeOH: ACN	Potency	: 99.13 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8° C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.364 %	¹ HNMR	: Confirm
Residue Of Ignition	: 0.350 %		

Additional Information

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

$$[100 - (0.364 + 0.350) \times 99.85] / 100 = 99.13 \%$$

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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