

Analysis Date: 30-07-2025

Re-test Date: 30-07-2028

HYDROCORTISONE

Identification

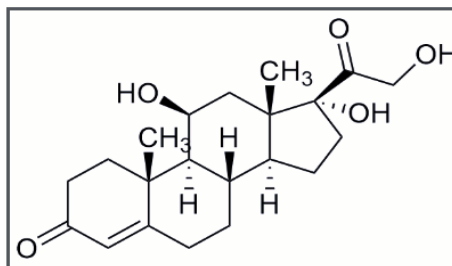
Chemical Name : 11 β ,17,21-Trihydroxypregn-4-ene-3,20-dione

CAT No : ALL-HYD-1575

CAS No : 50-23-7

Molecular Formula : C₂₁H₃₀O₅

Molecular Weight : 362.46



Analytical Information

Batch Code	: ALL-HYD-1575	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.81 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.155 %	¹ H NMR	: Confirm
Residue Of Ignition	: 0.036 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.155 + 0.036) \times 98.00] / 100 = 97.81 \%$$

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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