

Analysis Date: 24-01-2025

Re-test Date: 24-01-2028

HYDROCORTISONE EP IMPURITY F

Identification

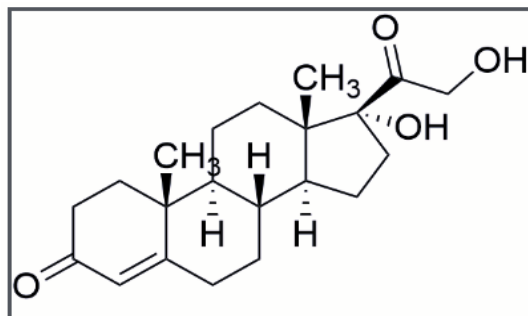
Chemical Name : 17,21-Dihydroxypregn-4-ene-3,20-dione

CAT No : ALL-HYD-1593

CAS No : 152-58-9

Molecular Formula : C₂₁H₃₀O₄

Molecular Weight : 346.46



Analytical Information

Batch Code	: ALL-HYD-1593	HPLC Purity	: 99.34 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 98.22 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Content By TGA	: 0.852 %	¹ H NMR	: Confirm
Residue Of Ignition	: 0.270 %		

Additional Information

%Potency = [100 - (Weight Content By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.852+0.270) × 99.34]/100 = 98.22 %

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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