

Analysis Date: 25-04-2022

Re-test Date: 25-04-2025

HYDROCORTISONE EP IMPURITY L

Identification

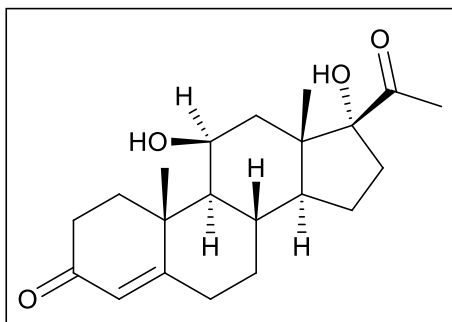
Chemical Name : 11 β , 17-Dihydroxypregn-4-ene-3, 20-Dione

CAT No : ALL-H02939

CAS No : 641-77-0

Molecular Formula : C₂₁H₃₀O₄

Molecular Weight : 346.46



Analytical Information

Batch Code : ALL-H02939

HPLC Purity : 97.50 %

Solubility : MeOH: ACN

Potency : 95.93 %

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : -20°C

IR Analysis : Confirm

Weight Loss By TGA : 1.035 %

¹H NMR : Confirm

Residue Of Ignition : 0.573 %

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Weight Loss By TGA \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.035 + 0.573) \times 97.50] / 100 = 95.93 \%$$

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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