

Analysis Date: 24-01-2025

Re-test Date: 24-01-2028

HYDROCORTISONE EP IMPURITY E

Identification

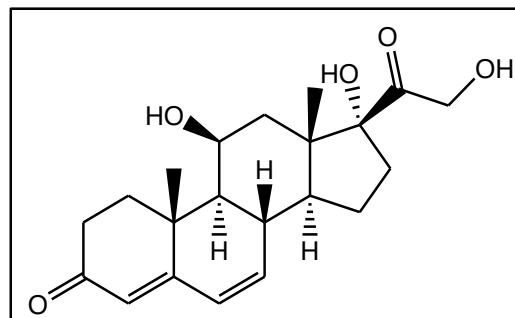
Chemical Name : 11 β ,17,21-Trihydroxypregna-4,6-diene-3,20-dione

CAT No : ALL-H04293

CAS No : 600-99-7

Molecular Formula : C₂₁H₂₈O₅

Molecular Weight : 360.44



Analytical Information

Batch Code : ALL-H04293

Solubility : MeOH: ACN

Appearance of Product : Off White Solid

Long Term Storage : 2-8 0C

Weight Loss By TGA : 0.967 %

Residue Of Ignition : 0.759 %

HPLC Purity : 95.60 %

Potency : 93.94 %

Mass : Confirm

IR Analysis : Confirm

¹HNMR : Confirm

Additional Information

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

$$[100 - (0.967 + 0.759) \times 95.60] / 100 = 93.94 \%$$

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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