

Analysis Date: 02-07-2024

Re-test Date: 02-07-2027

HYDROCORTISONE EP IMPURITY D

Identification

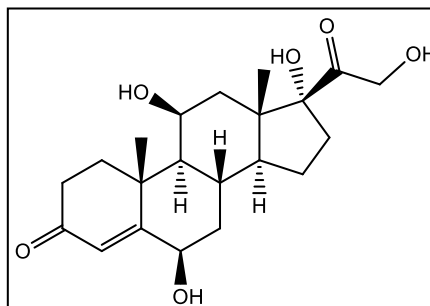
Chemical Name : 6 β ,11 β ,17,21-Tetrahydroypregn-4-ene-3,20-dione

CAT No : ALL-H03328

CAS No : 53-35-0

Molecular Formula : C₂₁H₃₀O₆

Molecular Weight : 378.5



Analytical Information

Batch Code	: ALL-H03328	HPLC Purity	: 97.67 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.50 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.028 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.142 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.028+0.142) × 97.67]/100 = 97.50 %

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