

Analysis Date: 02-08-2025

Re-test Date: 02-08-2028

HYDROCORTISONE ACETATE EP IMPURITY D

Identification

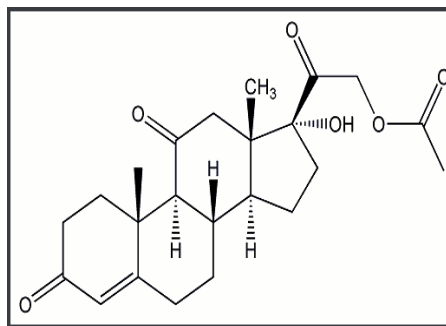
Chemical Name : 17,21-Dihydroxypregn-4-ene-3,11,20-trione 21 acetate

CAT No : ALL-HYD-1581

CAS No : 50-04-4

Molecular Formula : C₂₃H₃₀O₆

Molecular Weight : 402.48



Analytical Information

Batch Code	: ALL-HYD-1581	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.11%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.404%	¹H NMR	: Confirm
Residue Of Ignition	: 0.502%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.404+0.502) × 98.00]/100 = 97.11%

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