

Analysis Date: 04-03-2022

Re-test Date: 04-03-2025

HYDROCORTISONE ACETATE EP IMPURITY E

Identification

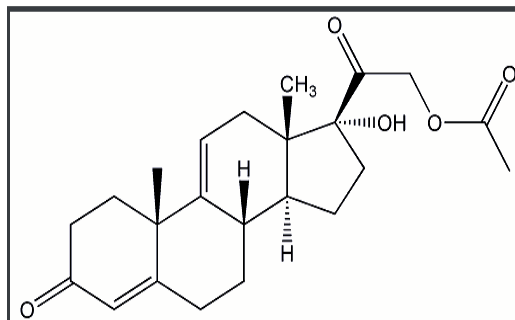
Chemical Name : 17-Hydroxy-3, 20-dioxopregna-4, 9(11)-dien-21-yl acetate

CAT No : ALL-H02940

CAS No : 7753-60-8

Molecular Formula : C₂₃H₃₀O₅

Molecular Weight : 386.48



Analytical Information

Batch Code	: ALL-H02940	HPLC Purity	: 96.38 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 94.79 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.376 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.267 %		

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (1.376 + 0.267) × 96.38]/100= 94.79 %

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