

Re-test Date: 05-05-2025

Expiry Date: 05-05-2028

HYDROCORTISONE EP IMPURITY K

Identification

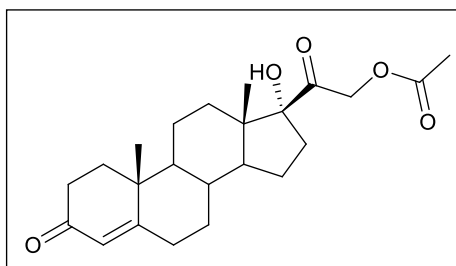
Chemical Name : 17-Hydroxy-3,20-dioxopregn-4-en-21-yl acetate

CAT No : ALL-H03054

CAS No : 640-87-9

Molecular Formula : C₂₃H₃₂O₅

Molecular Weight : 388.5



Analytical Information

Batch No	: ALL-H03054	HPLC Purity	: 98.69 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.71 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.649 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.339 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.649 + 0.339) \times 96.69] / 100 = 97.71 \%$$

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203