

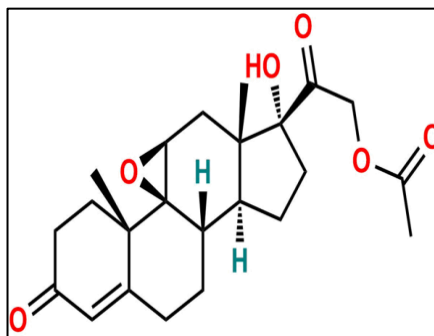
Analysis Date: 31-07-2025

Re-test Date: 31-07-2028

HYDROCORTISONE IMPURITY 21

Identification

Chemical Name	: 2-((4aS,4bS,5aS,6aS,7R,9aS,9bS)-7-hydroxy-4a,6a-dimethyl-2-oxo-2,3,4,4a,5a,6,6a,7,8,9,9a,9b,10,11-tetradecahydrocyclopenta[1,2]phenanthro[4,4a-b]oxiren-7-yl)-2-oxoethyl acetate
CAT No	: ALL-HYD-1623
CAS No	: 4383-30-6
Molecular Formula	: C ₂₃ H ₃₀ O ₆
Molecular Weight	: 402.5



Analytical Information

Batch Code	: ALL-HYD-1623	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.26%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.308%	¹H NMR	: Confirm
Residue Of Ignition	: 0.409%		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.308 + 0.409) \times 98.00] / 100 = 97.26\%$$

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