

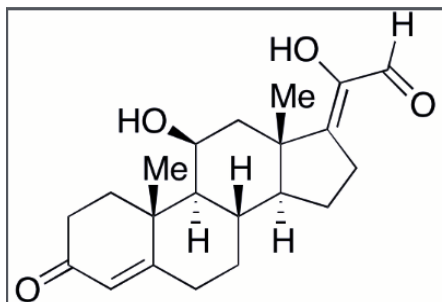
Analysis Date: 19-02-2025

Re-test Date: 19-02-2028

HYDROCORTISONE IMPURITY C

Identification

Chemical Name	: (Z)-2-hydroxy-2-((8S,9S,10R,11S,13S,14S)-11-hydroxy-10,13-dimethyl-3-oxo-1,2,3,6,7,8,9,10,11,12,13,14,15,16-tetradecahydro-17H-cyclopenta[a]phenanthren-17-ylidene)acetaldehyde
CAT No	: ALL-HYD-2302
CAS No	: 105562-13-8
Molecular Formula	: C ₂₁ H ₂₈ O ₄
Molecular Weight	: 344.45



Analytical Information

Batch Code	: ALL-HYD-2302	HPLC Purity	: 97.80 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.42 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.315 %	¹ H NMR	: Confirm
Residue Of Ignition	: 0.068 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.315+0.068) × 97.80]/100 = 97.42 %

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

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