

Analysis Date: 31-07-2025

Re-test Date: 31-07-2028

HYDROCORTISONE IMPURITY 20

Identification

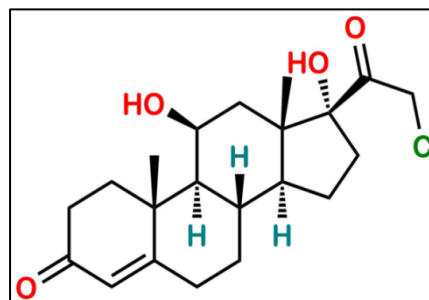
Chemical Name : (8S,9S,10R,11S,13S,14S,17R)-17-(2-Chloroacetyl)-11,17-dihydroxy-10,13-dimethyl-1,2,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one

CAT No : ALL-HYD-1614

CAS No : 65208-85-7

Molecular Formula : C₂₁H₂₉ClO₄

Molecular Weight : 380.9



Analytical Information

Batch Code	: ALL-HYD-1614	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.32%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.801%	¹H NMR	: Confirm
Residue Of Ignition	: 0.907%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.801+0.907) × 98.00]/100 = 96.32%

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