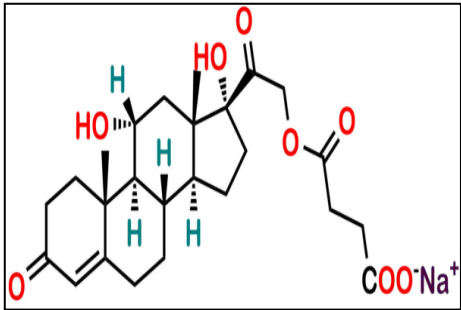


Analysis Date: 31-07-2025

Re-test Date: 31-07-2028

HYDROCORTISONE IMPURITY A

Identification

Chemical Name	: Sodium 4-(2-((8S,9S,10R,11R,13S,14S,17R)-11,17-dihydroxy-10,13-dimethyl-3-oxo-2,3,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl)-2-oxoethoxy)-4-oxobutanoate	
CAT No	: ALL-HYD-1626	
CAS No	: 103228-51-9	
Molecular Formula	: C ₂₅ H ₃₃ O ₈ : Na	
Molecular Weight	: 461.5 : 23.0	

Analytical Information

Batch Code	: ALL-HYD-1626	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.69%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.602%	¹H NMR	: Confirm
Residue Of Ignition	: 0.704%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.602 + 0.704) \times 98.00] / 100 = 96.69\%$$

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