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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2027

Product Name: 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

Synonyms : Epi Hydrocortisone
Hemisuccinate Sodium Salt

CAS Number : 103228-51-9

CAT Number : CP-H9084

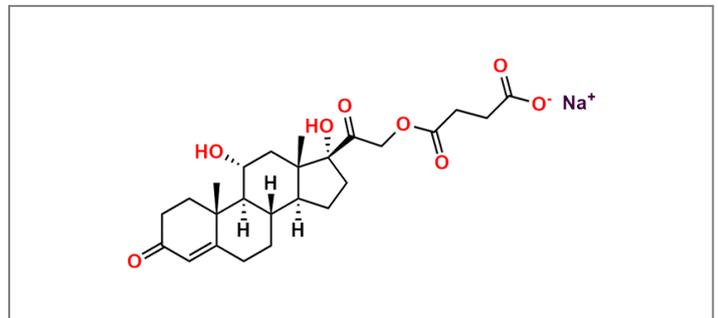
Molecular Formula : C₂₅H₃₃O₈ : Na

Molecular Weight : 461.5 : 23.0

Batch Number : CP-HYD-A-1025

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.89%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.