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## CERTIFICATE OF ANALYSIS

Analysis Date:

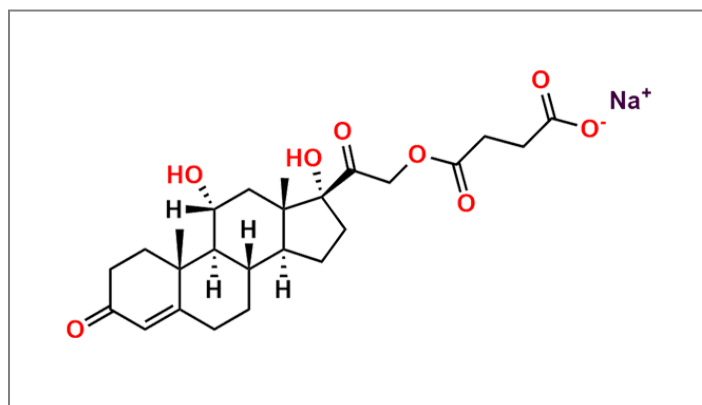
Re-test Date:

**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: : NA  
CAS Number: : 103228-51-9  
CAT Number: : CP-H9084  
Molecular Formula: : C<sub>25</sub>H<sub>33</sub>O<sub>8</sub> : Na  
Molecular Weight: : 461.5 : 23.0



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	1H NMR	Confirm to structure



Prepared and Reviewed By

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Approved By

Ms Rohini Gagare  
(QA Head)