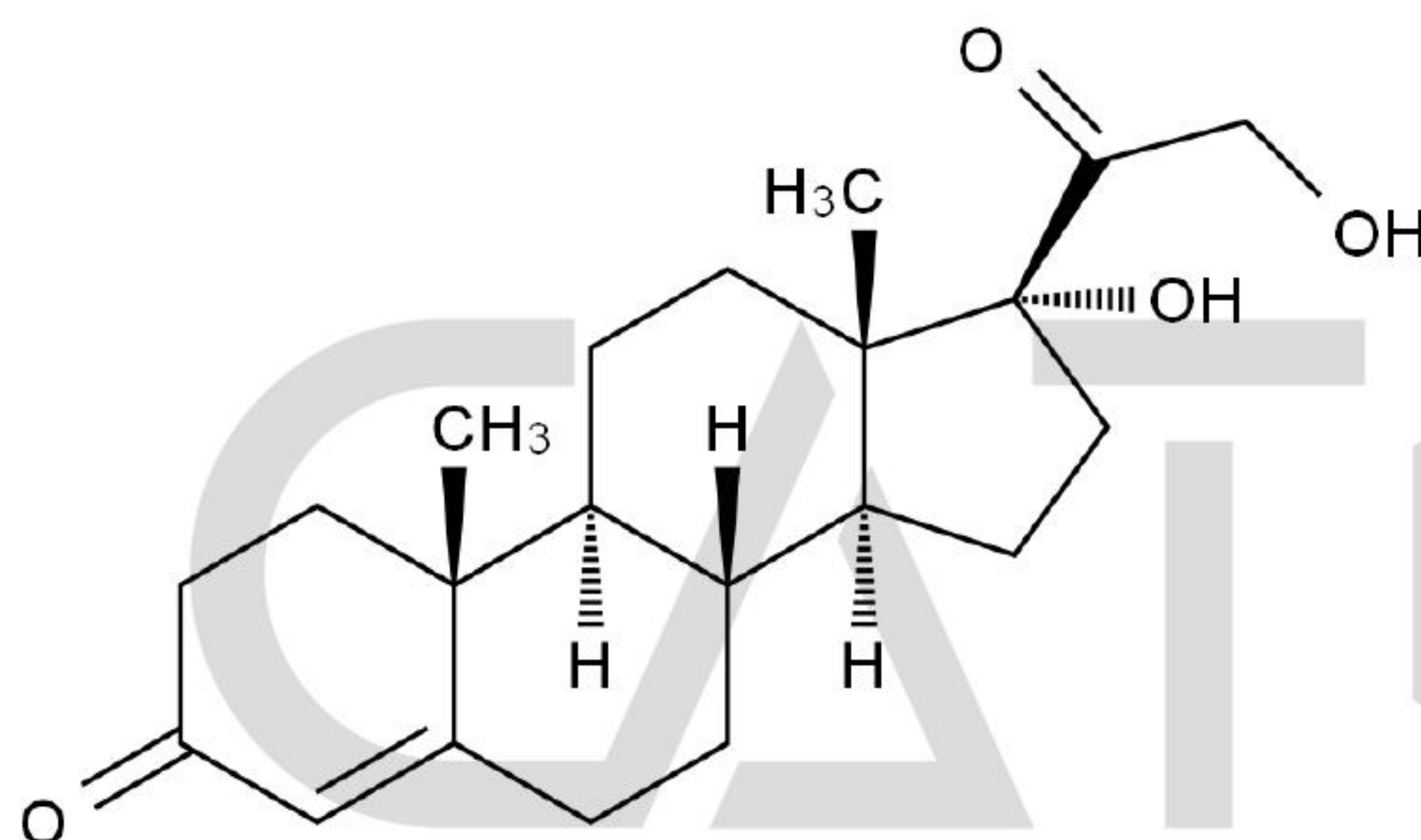


Certificate of Analysis

Reference Material & Standard

Product Name:	Hydrocortisone EP Impurity F	Catalogue Number:	C4X-14016
Synonyms:	N/A	Lot Number:	0817-RH-0139
CAS Number:	152-58-9	Expiry Date:	Aug 19, 2030
Molecular Formula:	C ₂₁ H ₃₀ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	346.46	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.096%
Residue on Ignition	TGA	0.0576%
Loss on Drying	TGA	0.0014%
Assay		99.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 20, 2026

Date: Aug 20, 2026

Date: Aug 20, 2026



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