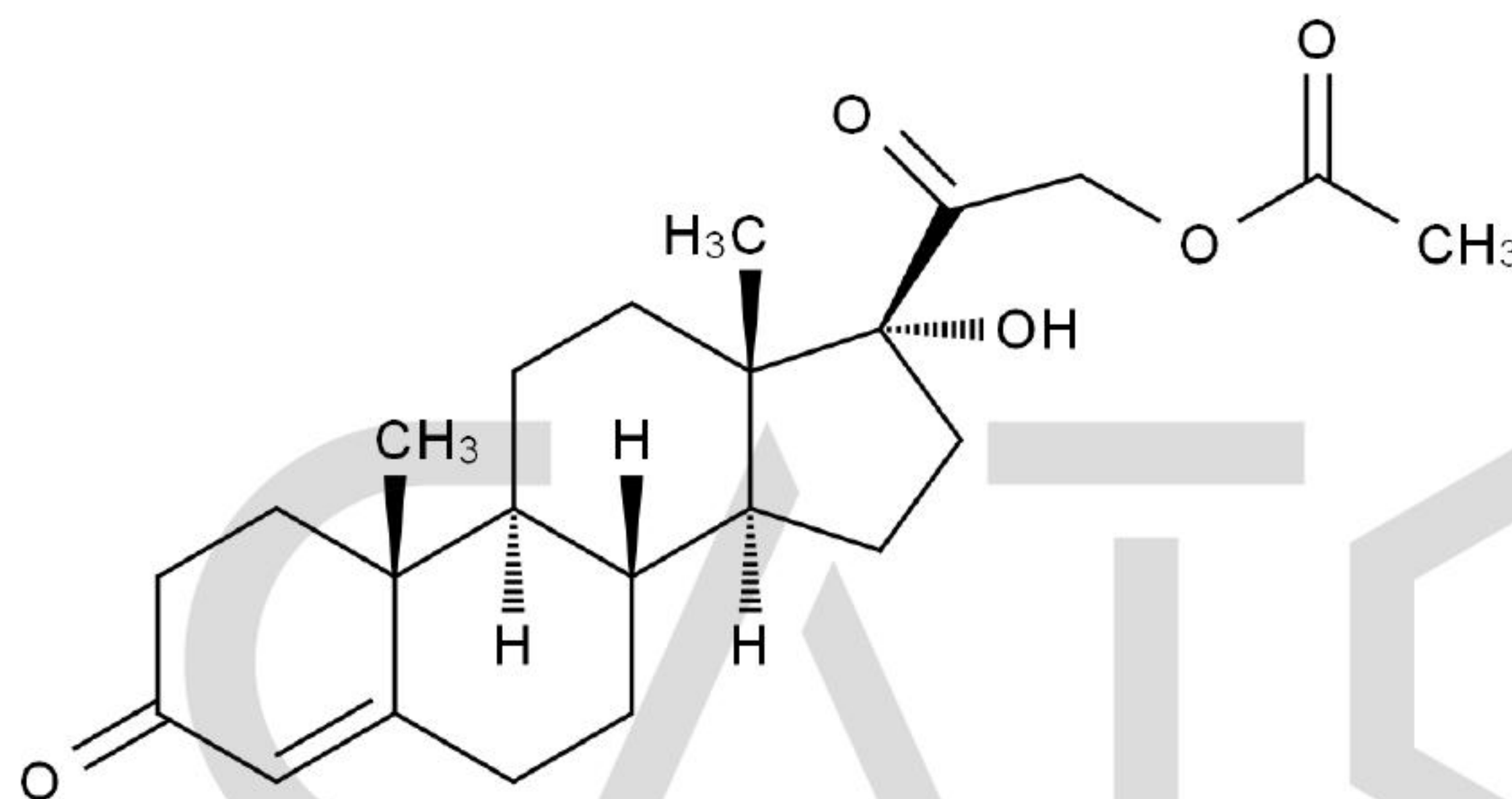


Certificate of Analysis

Reference Material & Standard

Product Name:	Hydrocortisone EP Impurity K	Catalogue Number:	C4X-140111
Synonyms:	N/A	Lot Number:	0512-RH-0103
CAS Number:	640-87-9	Expiry Date:	May 17, 2030
Molecular Formula:	C ₂₃ H ₃₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	388.50	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.438%
Loss on Drying	TGA	0.1709%
Assay		99.3%

Comment:

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

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

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 18, 2026

Date: May 18, 2026

Date: May 18, 2026



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