

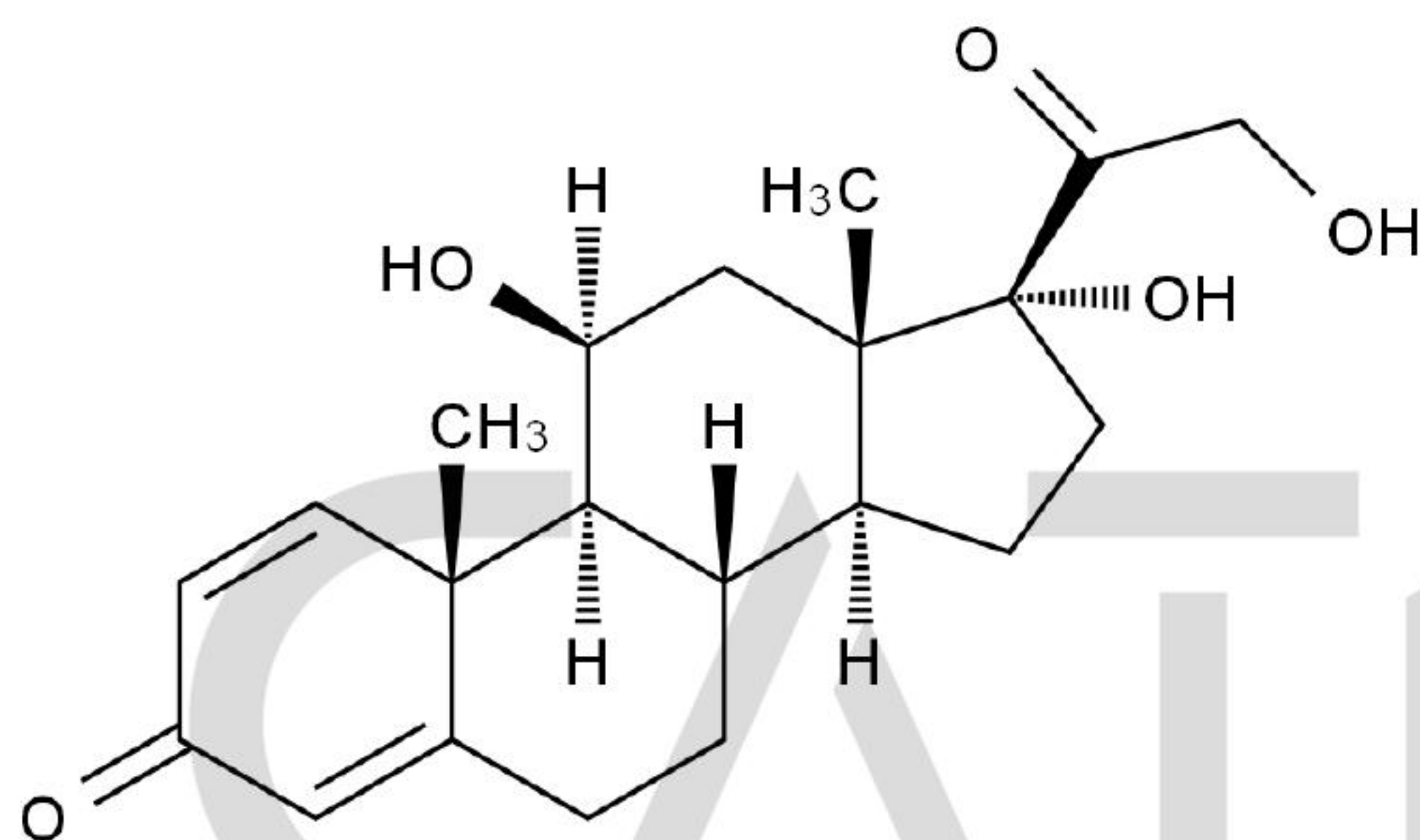
Certificate of Analysis

Reference Material & Standard

Product Name:	Hydrocortisone EP Impurity A	Catalogue Number:	C4X-14011
Synonyms:	Methylprednisolone EP Impurity K	Lot Number:	0623-RB-0003
CAS Number:	50-24-8	Expiry Date:	Aug 28, 2029
Molecular Formula:	C ₂₁ H ₂₈ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	360.44	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.8562%
Loss On Drying	TGA	0.1269%
Assay		99.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Aug 29, 2025

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