

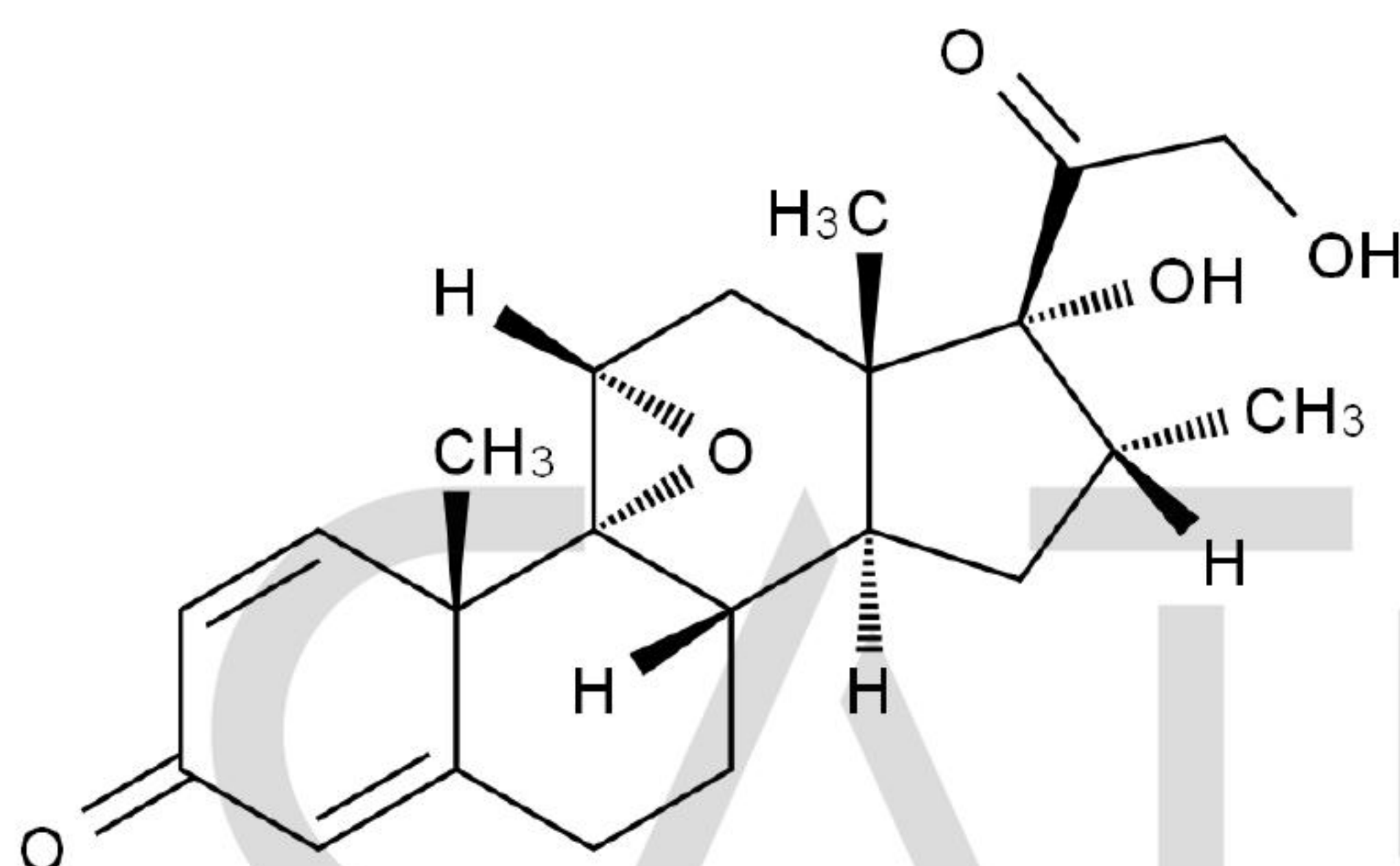
Certificate of Analysis

Reference Material & Standard

Product Name:	Dexamethasone EP Impurity I	Catalogue Number:	C4X-11659
Synonyms:	N/A	Lot Number:	1216-RF-0041
CAS Number:	14622-47-0	Expiry Date:	Dec 17, 2027
Molecular Formula:	C ₂₂ H ₂₈ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	372.45	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.017%
Loss On Drying	TGA	0.4765%
Assay		96.6%

Comment:

The calculation of the 100% 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: Dec 18, 2024

Date: Dec 18, 2024

Date: Dec 18, 2024

