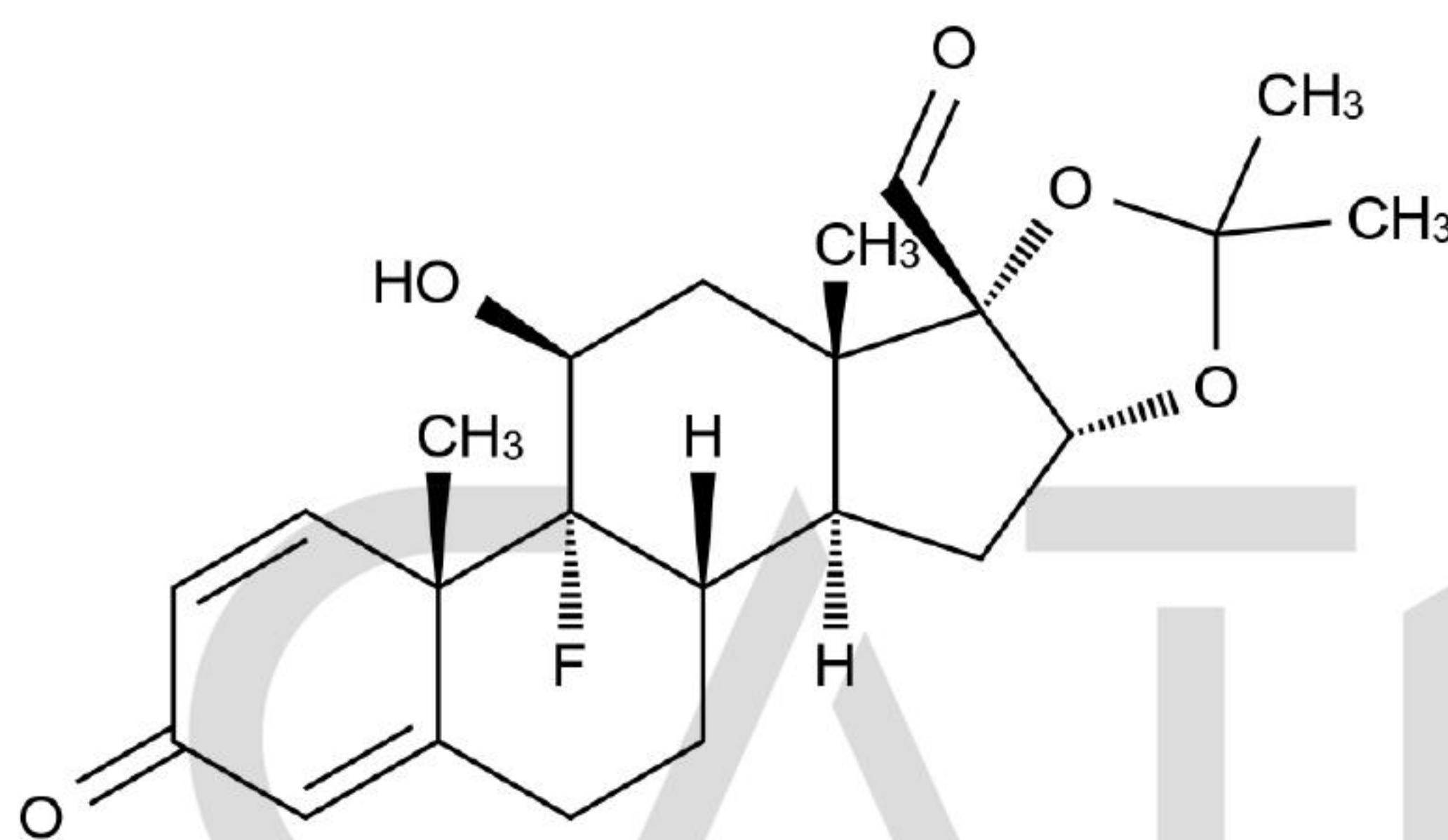


Certificate of Analysis

Reference Material & Standard

Product Name:	Betamethasone impurity 64	Catalogue Number:	C4X-143764
Synonyms:	N/A	Lot Number:	1105-RF-0012
CAS Number:	N/A	Expiry Date:	Nov 06, 2027
Molecular Formula:	C ₂₃ H ₂₉ FO ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	404.47		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.393%
Loss On Drying	TGA	0.0561%
Assay		96.3%

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: Nov 07, 2024

Date: Nov 07, 2024

Date: Nov 07, 2024

