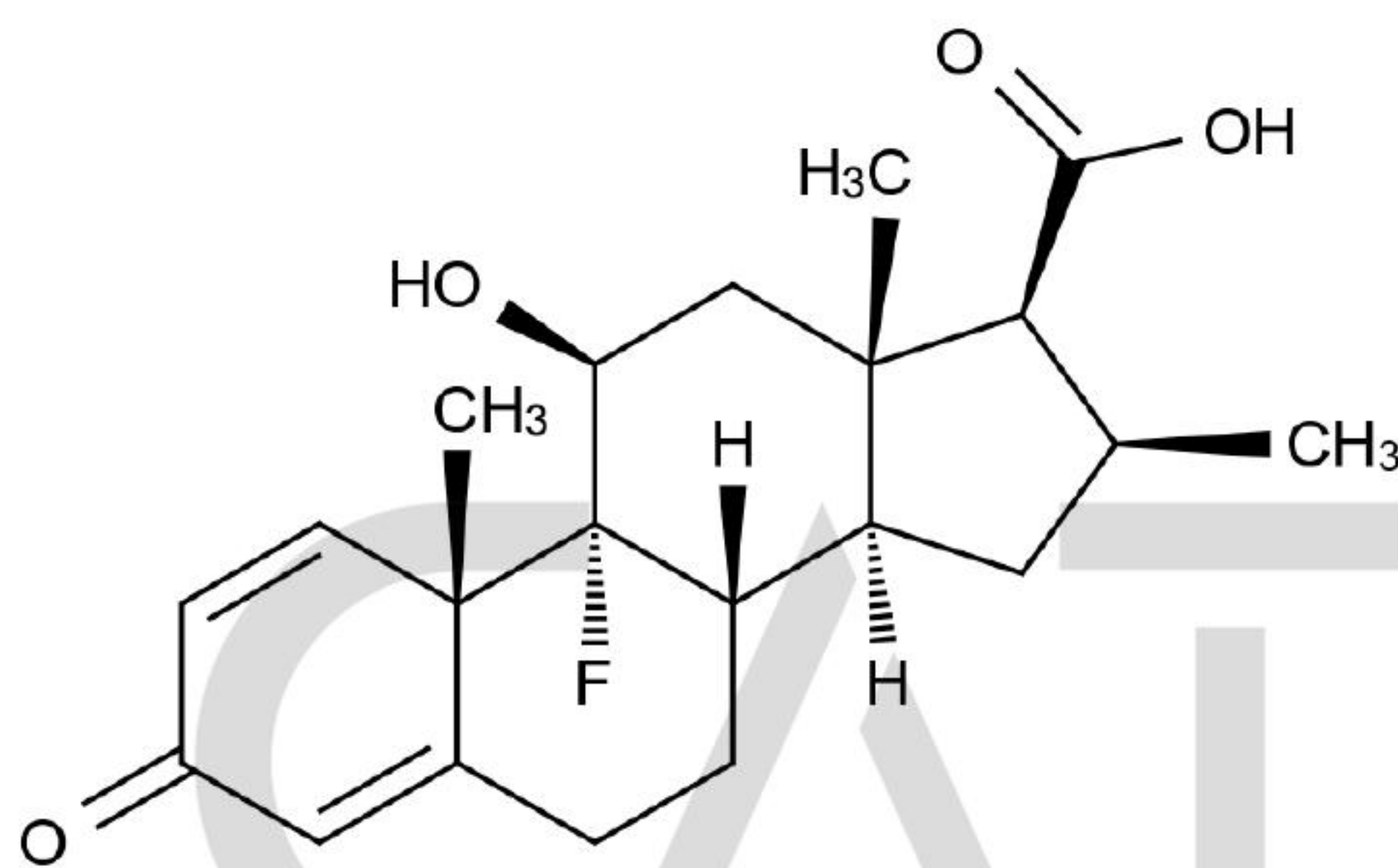


Certificate of Analysis

Reference Material & Standard

Product Name:	Betamethasone impurity 73	Catalogue Number:	C4X-143773
Synonyms:	N/A	Lot Number:	0804-RG-0111
CAS Number:	N/A	Expiry Date:	Aug 06, 2029
Molecular Formula:	C ₂₁ H ₂₇ FO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	362.44		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.927%
Loss On Drying	TGA	0.0940%
Assay		97.8%

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: Aug 07, 2025

Date: Aug 07, 2025

Date: Aug 07, 2025

