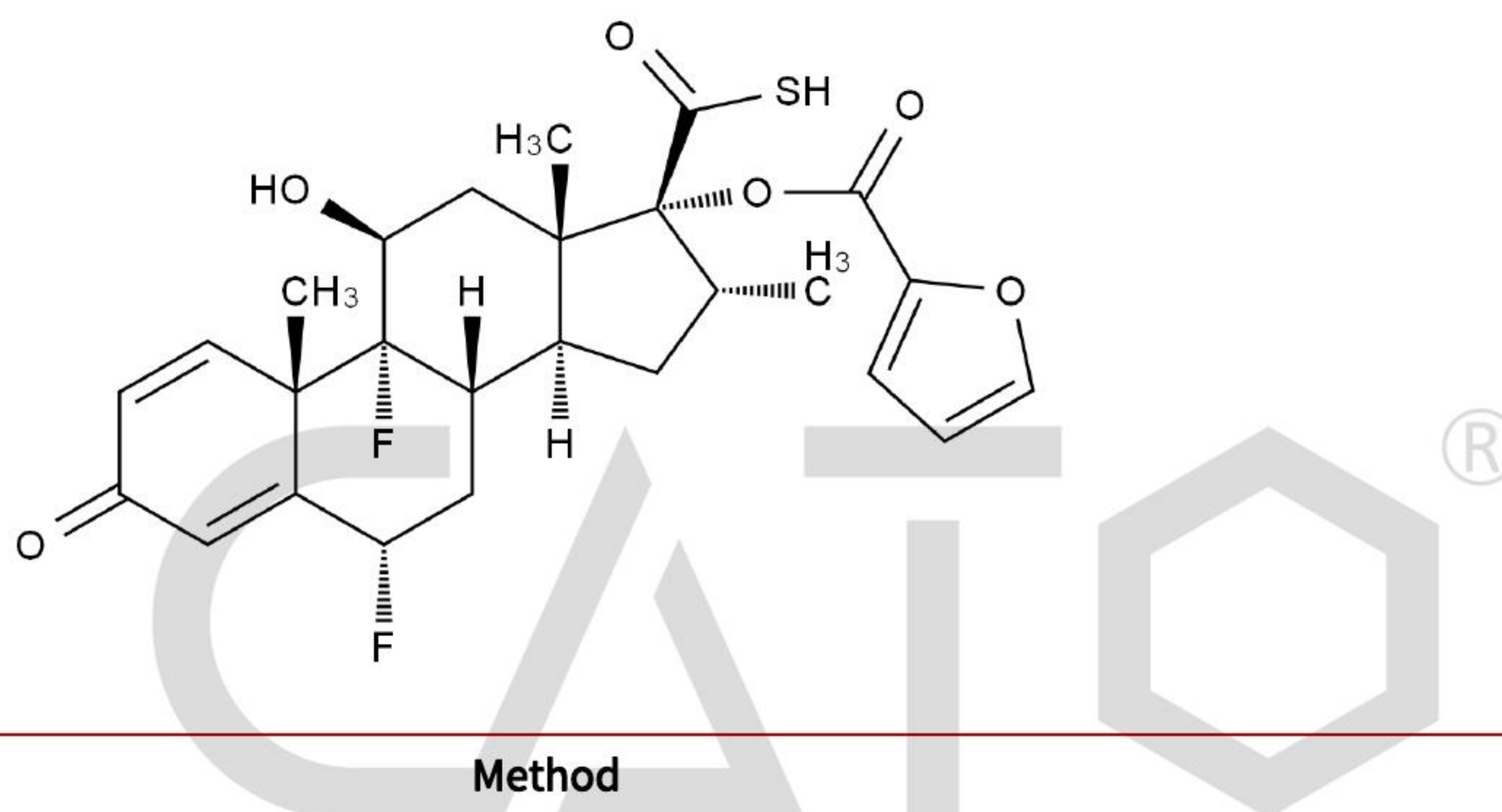


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluticasone Impurity 21	Catalogue Number:	C4X-165021
Synonyms:	N/A	Lot Number:	1031-RE-0024
CAS Number:	397864-40-3	Expiry Date:	Jul 03, 2028
Molecular Formula:	C ₂₆ H ₂₈ F ₂ O ₆ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	506.56		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.242%
Water Content	Karl Fischer	4.80%
Residual Solvents	NMR	0.09% acetone and 2.08% ethyl acetate
Assay		91.4%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 25, 2025

Date: Jul 25, 2025

Date: Jul 25, 2025

