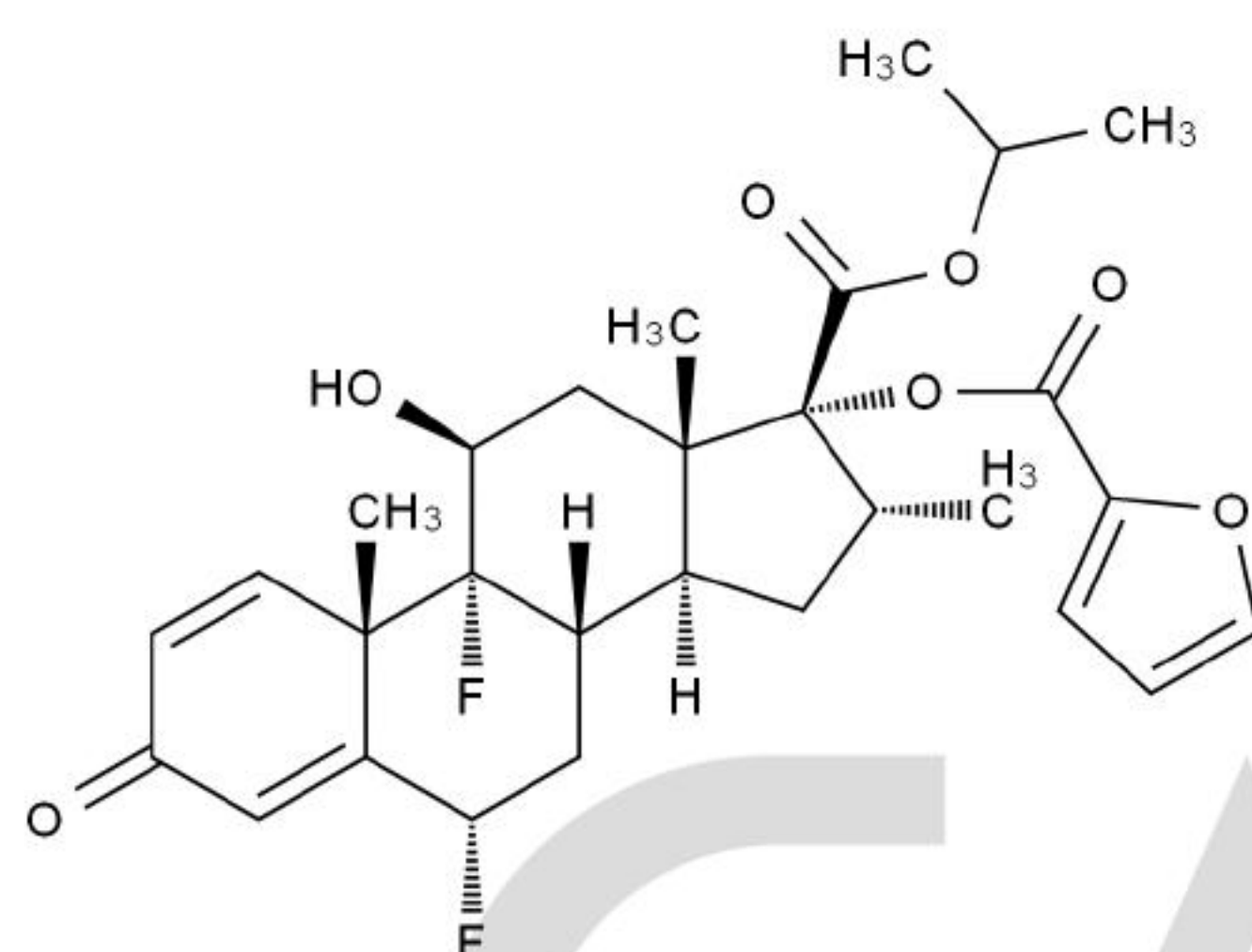


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluticasone Furoate EP Impurity F	Catalogue Number:	C4X-165023
Synonyms:	(6 α ,11 β ,16 α ,17 α)-6,9-Difluoro-17-[[[(Isopropyl)oxy]carbonyl]-11-hydroxy-16-methyl-3-oxoandrost-1,4-dien-17-yl 2-furancarboxylate	Lot Number:	0427-RH-0061
CAS Number:	N/A	Expiry Date:	May 08, 2030
Molecular Formula:	C ₂₉ H ₃₄ F ₂ O ₇	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	532.57	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	97.501%
Residue on Ignition	TGA	1.0083%
Loss on Drying	TGA	0.0548%
Assay	qNMR	95.9%
Assay	Mass Balance	96.5%

Comment:

1. The retest date of this product is May 08, 2029.
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: May 09, 2026

Date: May 11, 2026

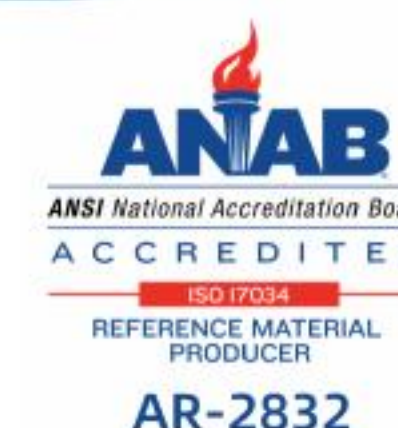
Date: May 11, 2026

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