

Certificate of Analysis

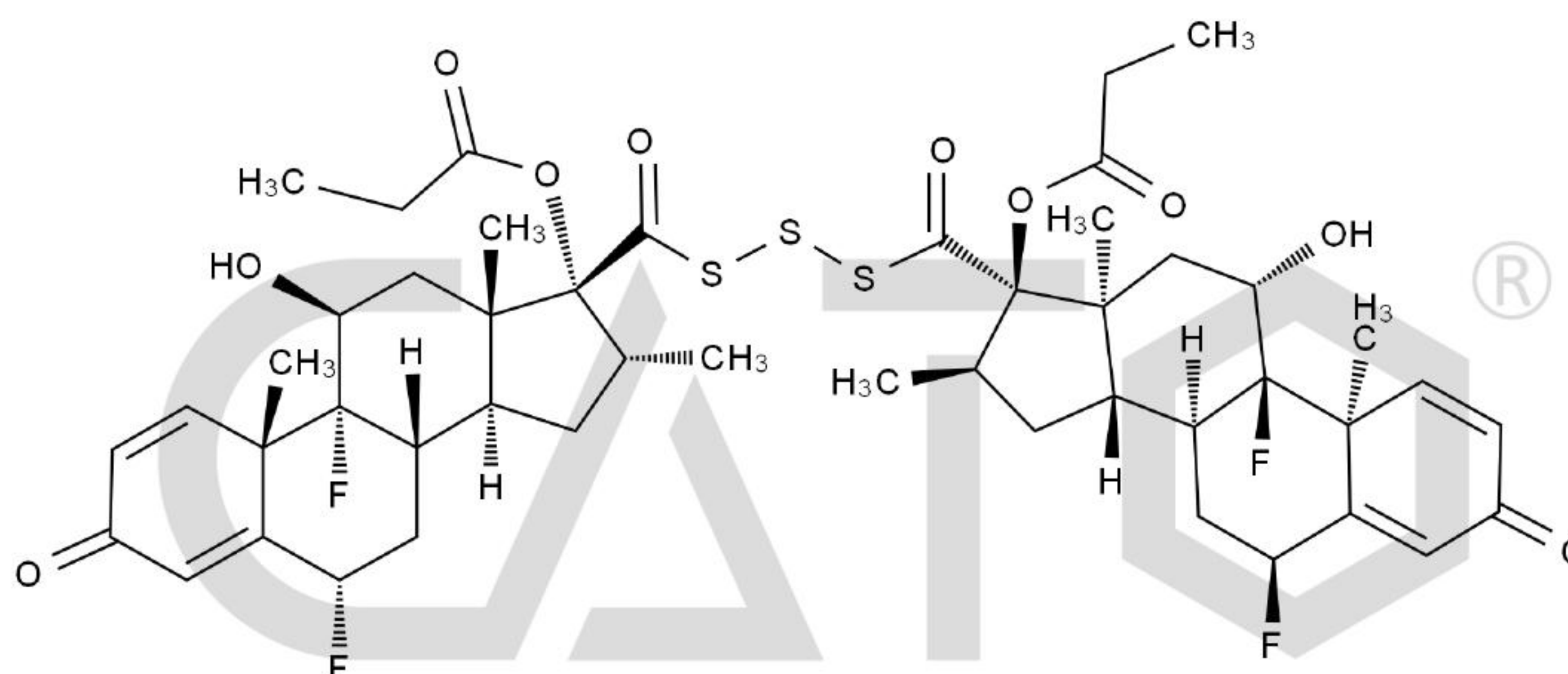
Reference Material & Standard

Product Name:	Fluticasone Propionate EP Impurity I	Catalogue Number:	C4X-165010
Synonyms:	Fluticasone Propionate CP Impurity IX	Lot Number:	0812-RH-0052
CAS Number:	960071-64-1	Expiry Date:	Aug 11, 2030
Molecular Formula:	C ₄₈ H ₅₈ F ₄ O ₁₀ S ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	967.16	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.813%
Residue on Ignition	TGA	0.4958%
Loss on Drying	TGA	0.1461%
Assay		96.2%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * 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:

Lisa

Approved by General Manager:

David

Date: Aug 17, 2026

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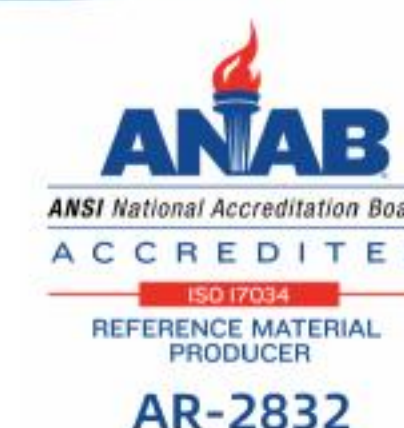
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