

Certificate of Analysis

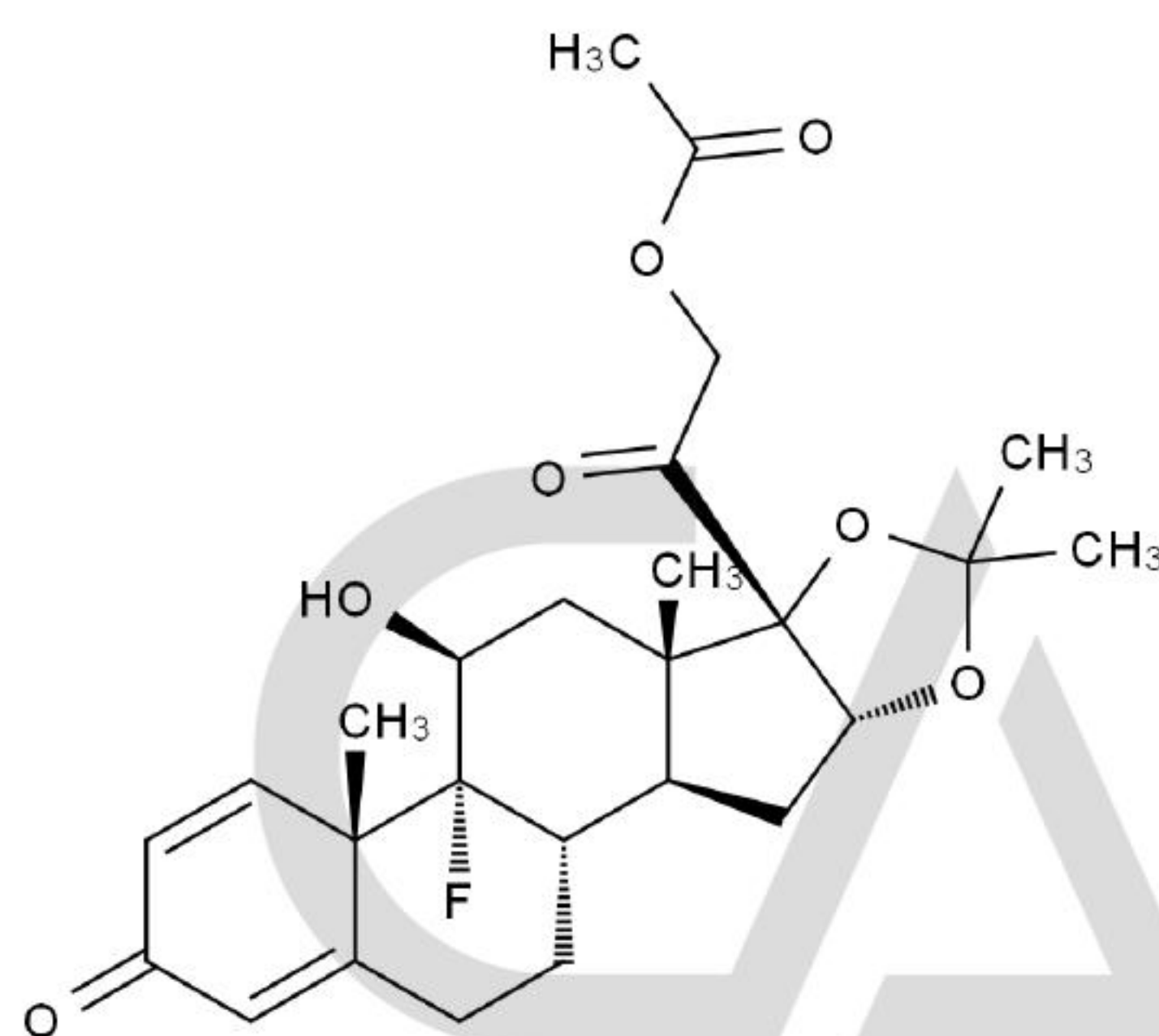
Reference Material & Standard

Product Name:	Triamcinolone Acetonide EP Impurity F	Catalogue Number:	C4X-13267
Synonyms:	N/A	Lot Number:	0430-RF-0010
CAS Number:	3870-07-3	Expiry Date:	May 24, 2030
Molecular Formula:	C ₂₆ H ₃₃ FO ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	476.53	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.455%
Loss on Drying	TGA	0.0564%
Assay		99.4%

Comment:

- Catalogue Number has been changed from "CCAD300649" to "C4X-13267". Therefore some of the graphs shown below were named by "CCAD300649".
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

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

Signature:

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Approved by General Manager:

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Date: May 25, 2026

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