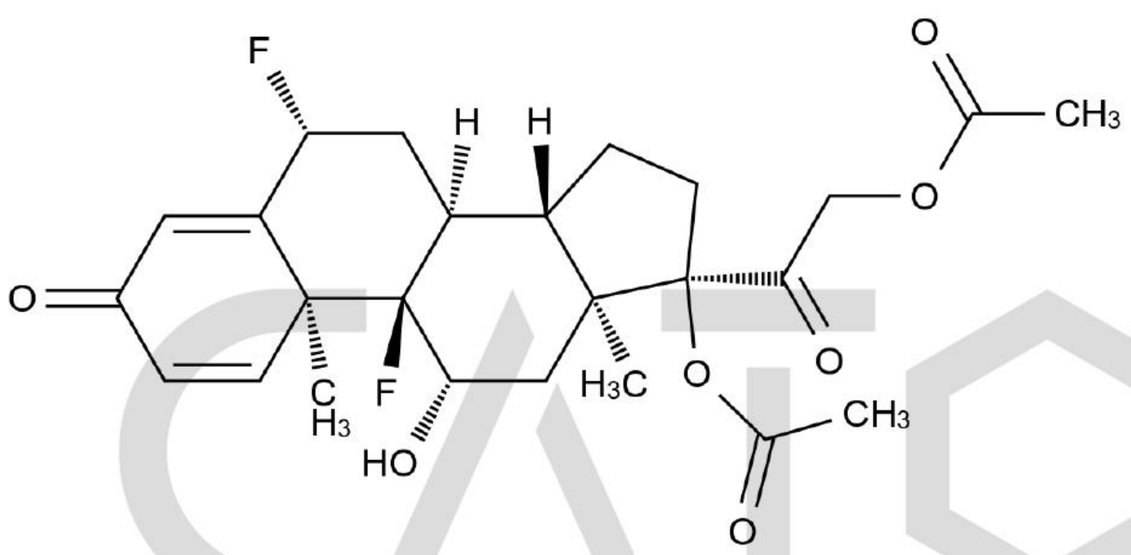
Certificate of Analysis

Reference Material & Standard

Product Name:	Fluocinolone Acetonide Impurity 35	**Catalogue Number:**	C4X-238135
Synonyms:	N/A	**Lot Number:**	0921-RH-0001
CAS Number:	N/A	**Expiry Date:**	Mar 01, 2028
Molecular Formula:	$C_{25}H_{30}F_2O_7$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	480.50	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.09%
Loss on Drying	TGA	0.5091%
Assay		95.6%

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Comment:

The calculation of the mass balance 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: Date: Sep 21, 2026

Reviewed by: Date: Sep 21, 2026

Approved by General Manager: Date: Sep 21, 2026

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