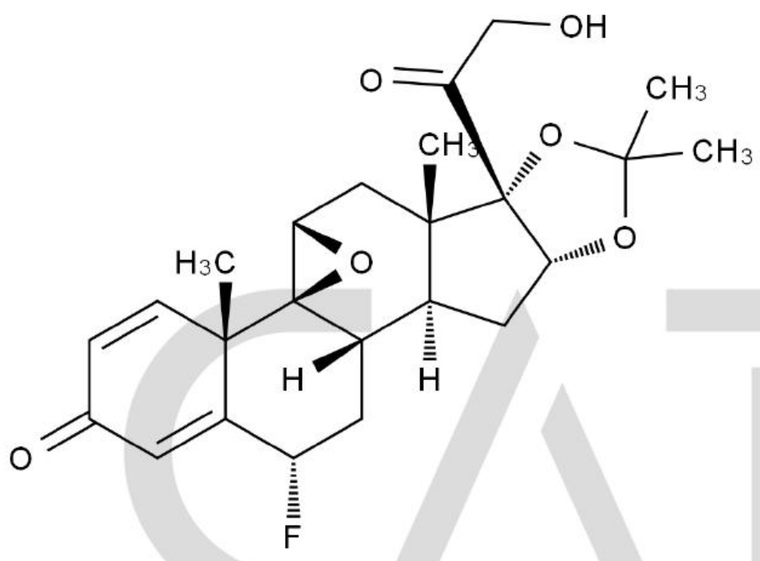
Certificate of Analysis

Reference Material & Standard

Product Name:	Fluocinolone Acetonide EP Impurity E	**Catalogue Number:**	C4X-23815
Synonyms:	N/A	**Lot Number:**	1110-RH-0116
CAS Number:	68352-03-4	**Expiry Date:**	Nov 01, 2030
Molecular Formula:	$C_{24}H_{29}FO_6$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	432.48	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.67%
Residue on Ignition	TGA	0.8280%
Loss on Drying	TGA	0.2175%
Assay	Mass Balance	94.7%

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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: Koji — Date: Nov 18, 2026

Reviewed by: Lisa — Date: Nov 18, 2026

Approved by General Manager: David — Date: Nov 18, 2026

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