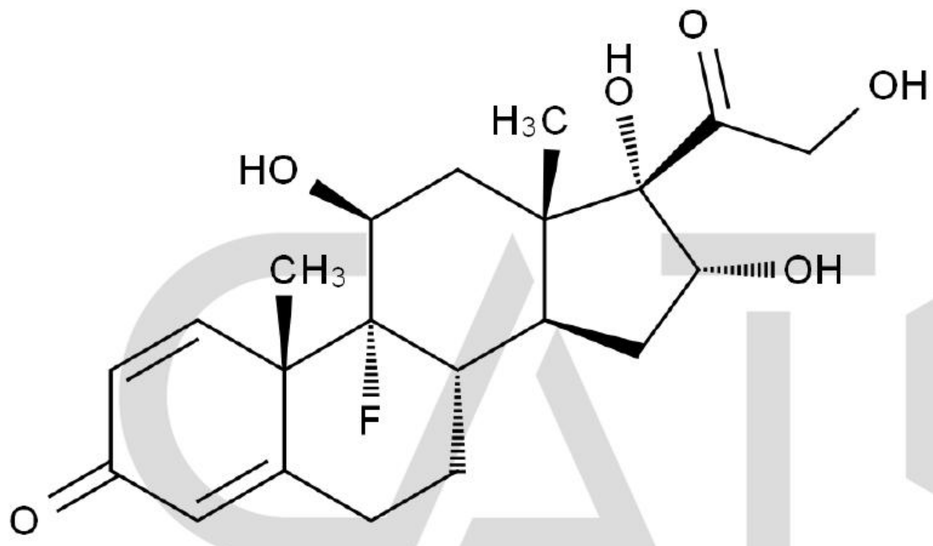
Certificate of Analysis

Reference Material & Standard

Product Name:	Triamcinolone Acetonide EP Impurity A	**Catalogue Number:**	C4X-13262
Synonyms:	N/A	**Lot Number:**	0430-RF-0023
CAS Number:	124-94-7	**Expiry Date:**	May 24, 2030
Molecular Formula:	$C_{21}H_{27}FO_6$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	394.43	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.947%
Loss on Drying	TGA	0.0308%
Assay		98.9%

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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: Koji Date: May 25, 2026

Reviewed by: Lisa Date: May 25, 2026

Approved by General Manager: David Date: May 25, 2026

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