

Certificate of Analysis

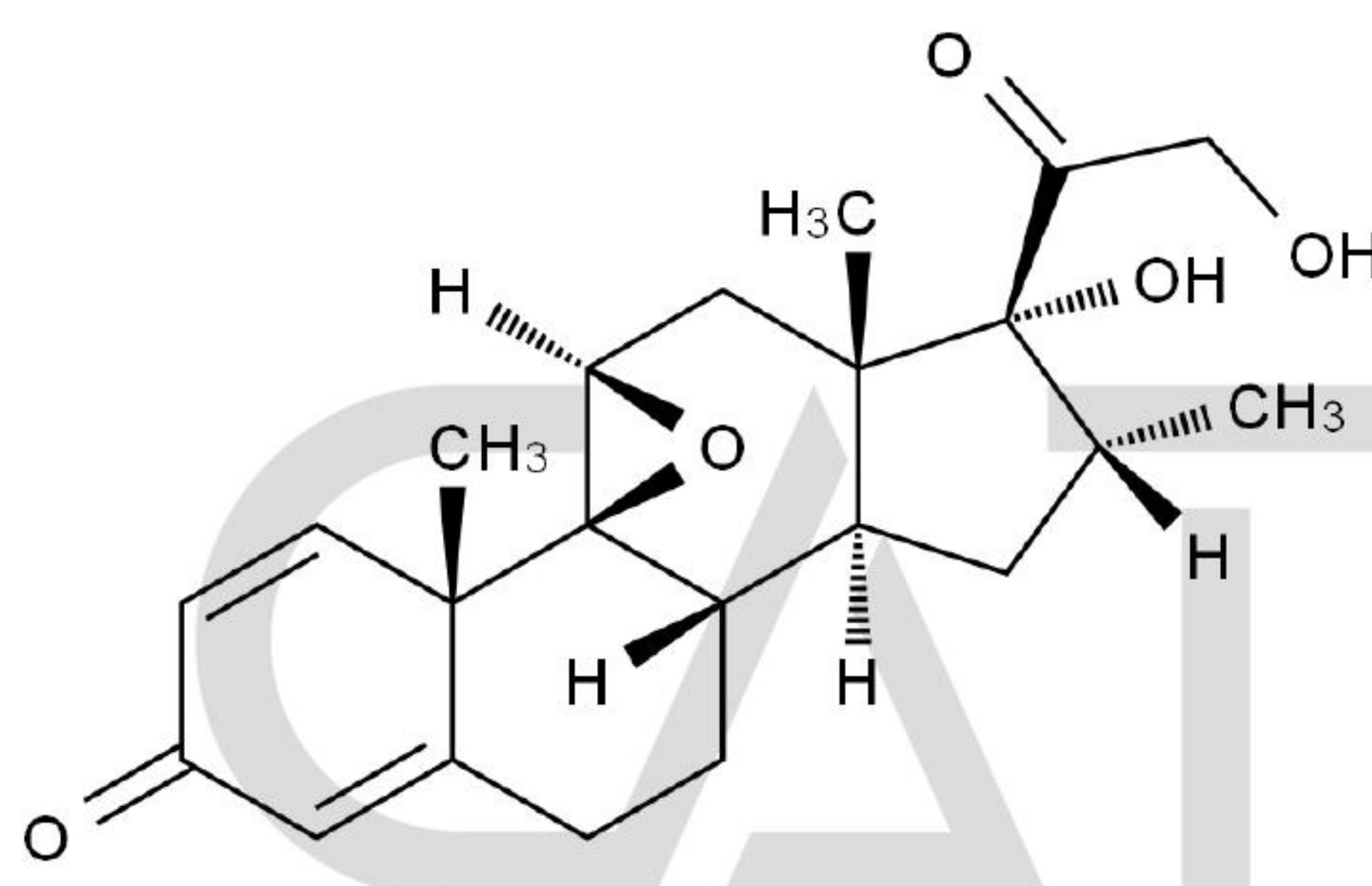
Reference Material & Standard

Product Name:	Dexamethasone EP Impurity D	Catalogue Number:	C4X-11654
Synonyms:	Mometasone Furoate EP Impurity L	Lot Number:	1024-RE-0021
CAS Number:	24916-90-3	Expiry Date:	Dec 03, 2029
Molecular Formula:	C ₂₂ H ₂₈ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	372.45	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.469%
Loss On Drying	TGA	0.0195%
Assay		99.4%

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:

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Reviewed by:

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Approved by General Manager:

David

Date: Mar 02, 2026

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