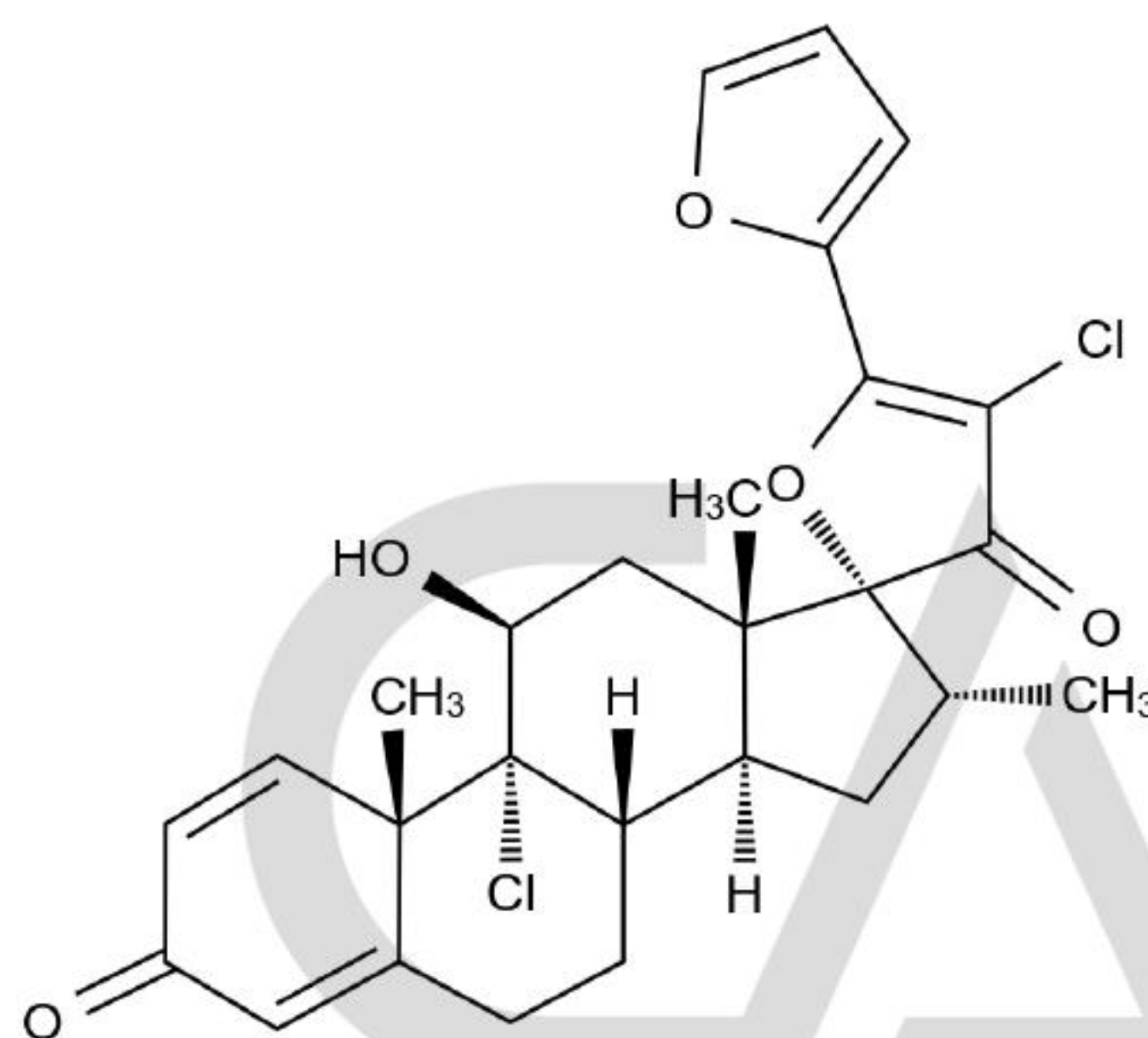


Certificate of Analysis

Reference Material & Standard

Product Name:	Mometasone Impurity 48	Catalogue Number:	C4X-170448
Synonyms:	N/A	Lot Number:	1014-RG-0100
CAS Number:	N/A	Expiry Date:	Oct 15, 2029
Molecular Formula:	C ₂₇ H ₂₈ Cl ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	503.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.006%
Loss On Drying	TGA	3.7046%
Assay		93.4%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 16, 2025

Date: Oct 17, 2025

Date: Oct 17, 2025



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