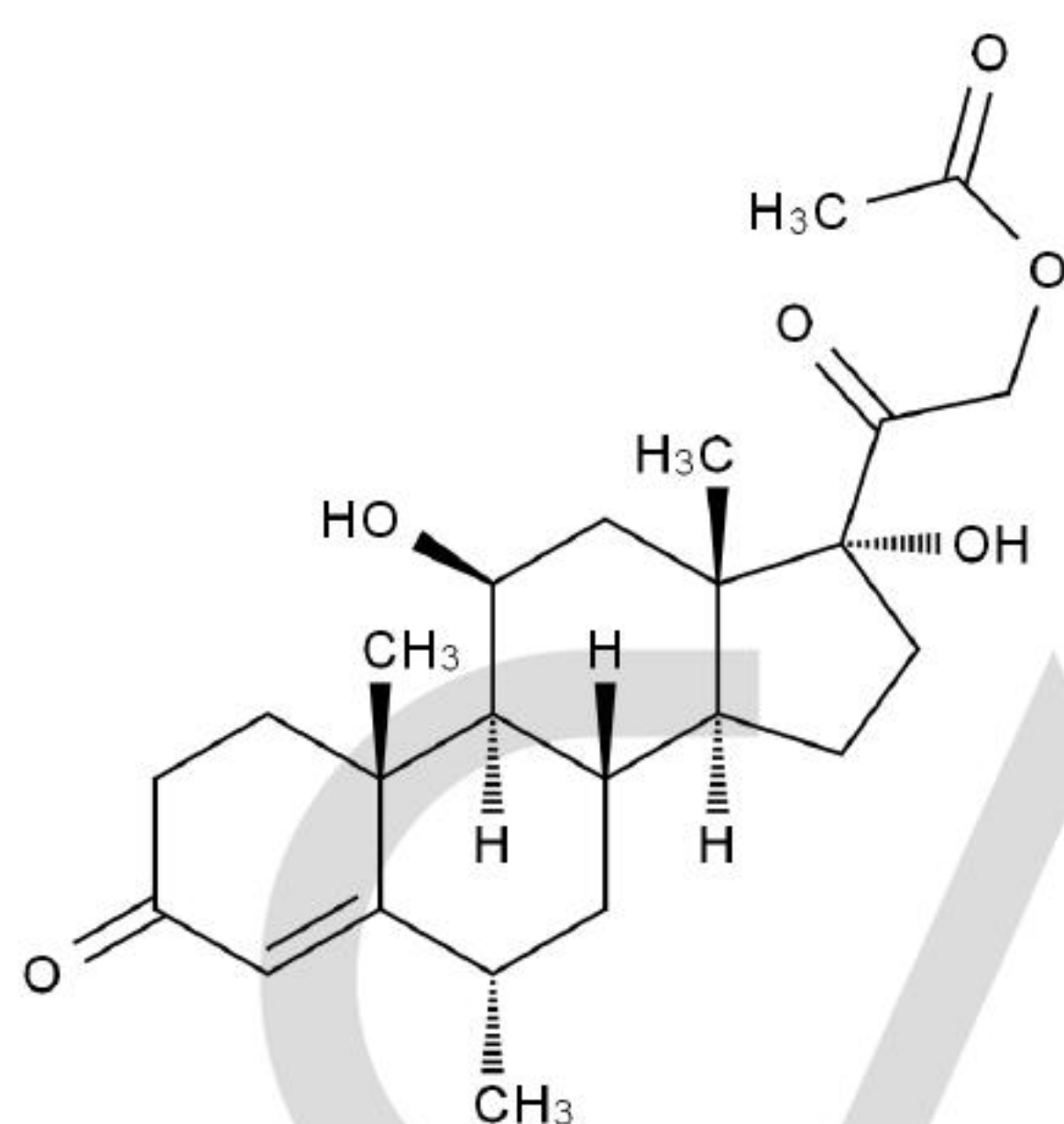


Certificate of Analysis

Reference Material & Standard

Product Name:	Methylprednisolone Acetate EP Impurity G	Catalogue Number:	C4X-191920
Synonyms:	N/A	Lot Number:	0410-RG-0038
CAS Number:	1625-11-2	Expiry Date:	Apr 02, 2028
Molecular Formula:	C ₂₄ H ₃₄ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	418.52		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.184%
Water Content	Karl Fischer	0.89%
Residual Solvents	NMR	Not detected in NMR
Assay		98.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 22, 2025

Date: Apr 22, 2025

Date: Apr 22, 2025

