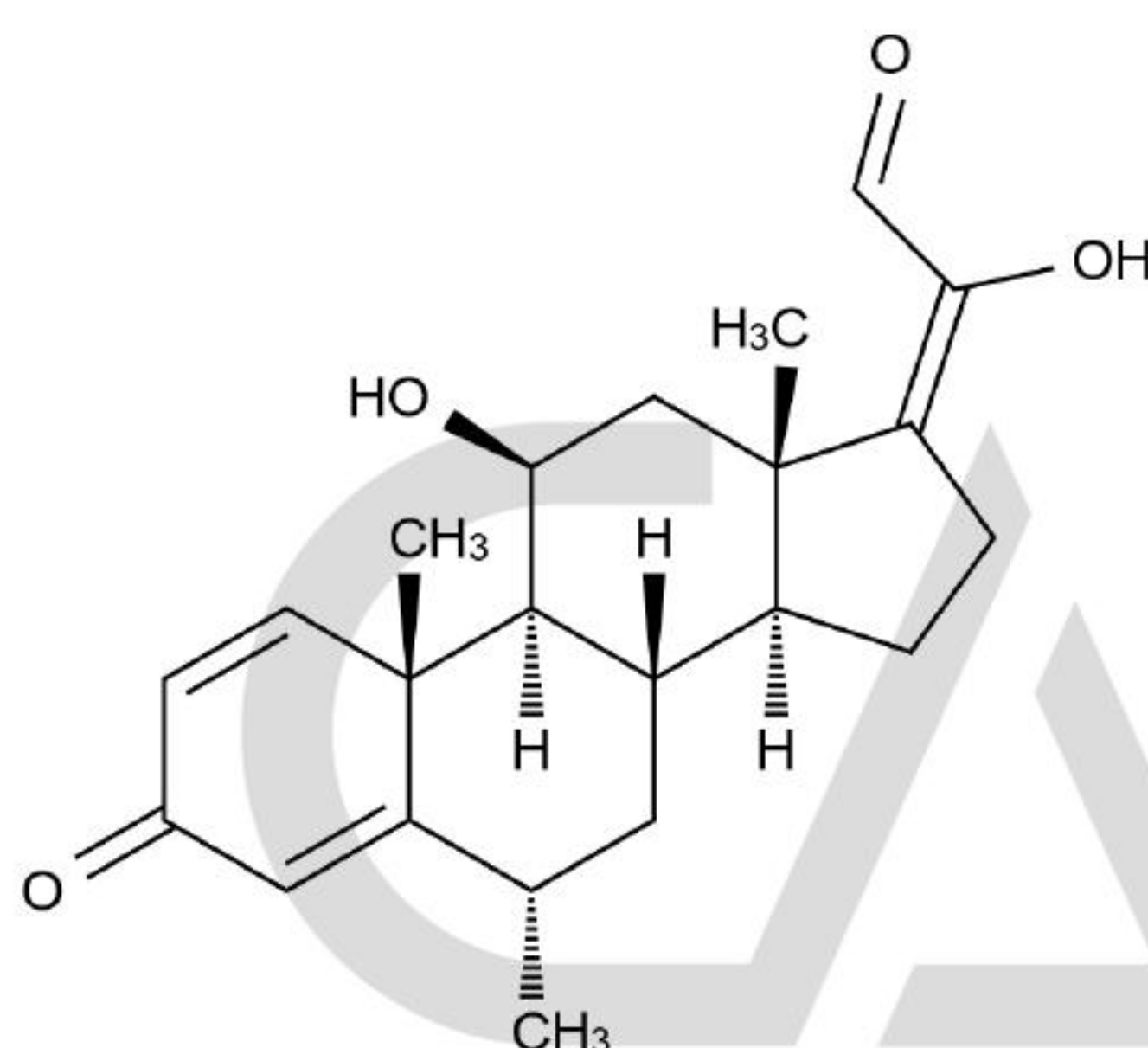


Certificate of Analysis

Reference Material & Standard

Product Name:	Methylprednisolone EP Impurity D(E-Isomer)	Catalogue Number:	C4X-19194
Synonyms:	N/A	Lot Number:	0218-RG-0048
CAS Number:	N/A	Expiry Date:	Sep 13, 2030
Molecular Formula:	C ₂₂ H ₂₈ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	356.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.221%
Water Content	Karl Fischer	0.10%
Residual Solvents	NMR	Not detected in NMR
Assay		99.1%

Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 20, 2026

Date: Sep 20, 2026

Date: Sep 20, 2026



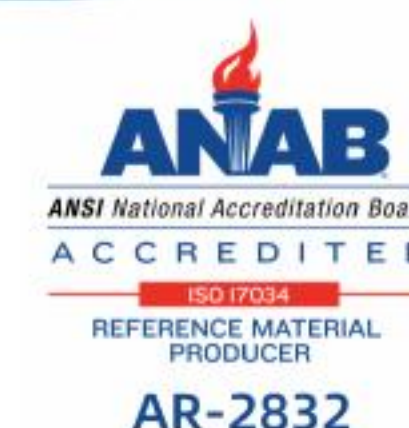
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