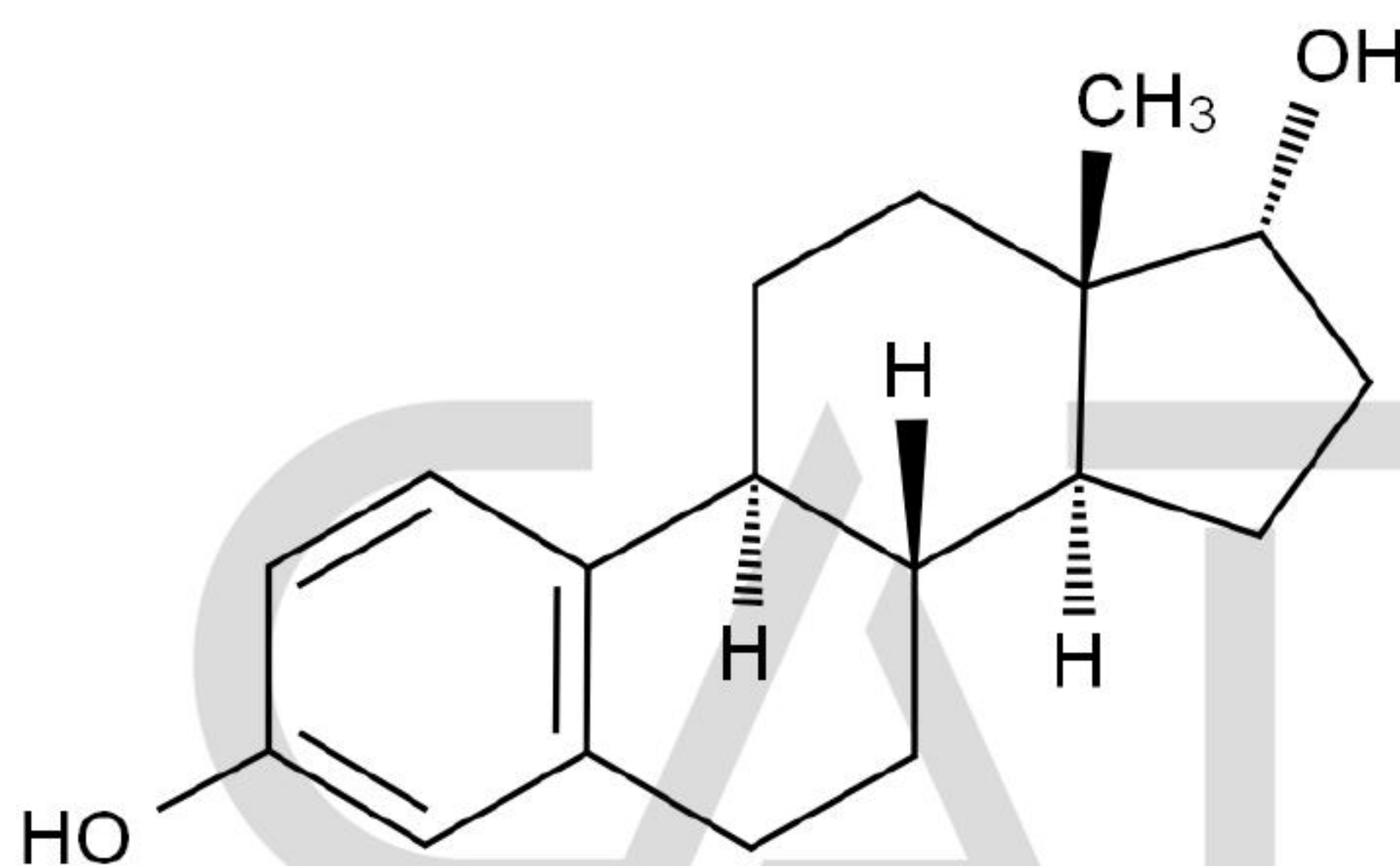


Certificate of Analysis

Reference Material & Standard

Product Name:	Ethinylestradiol EP Impurity L	Catalogue Number:	C4X-16363
Synonyms:	17-Epi-Estradiol;17 α -Estradiol	Lot Number:	0803-RH-0091
CAS Number:	57-91-0	Expiry Date:	Aug 05, 2030
Molecular Formula:	C ₁₈ H ₂₄ O ₂	Storage:	-20°C $\pm$ 5°C Protected from light and Sealed
Molecular Weight:	272.38	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.057%
Loss on Drying	TGA	0.2137%
Assay		97.8%

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: Aug 06, 2026

Date: Aug 06, 2026

Date: Aug 06, 2026



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