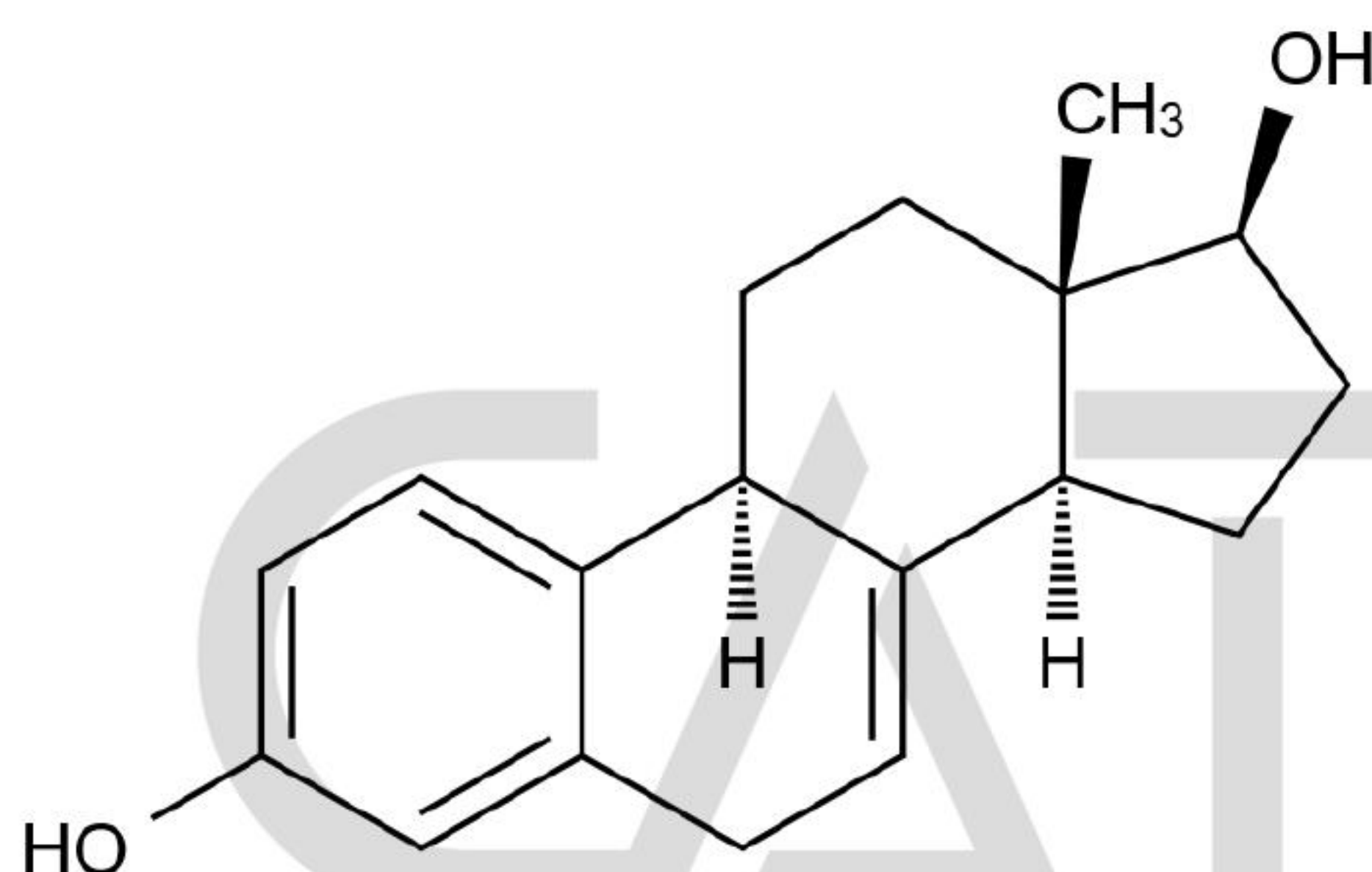


Certificate of Analysis

Reference Material & Standard

Product Name:	Estradiol Impurity 34	Catalogue Number:	C4X-163634
Synonyms:	N/A	Lot Number:	1210-RG-0021
CAS Number:	3563-27-7	Expiry Date:	Dec 11, 2029
Molecular Formula:	C ₁₈ H ₂₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	270.37	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.167%
Residue on Ignition	TGA	1.1991%
Loss On Drying	TGA	3.3553%
Assay		92.7%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 12, 2025

Date: Dec 12, 2025

Date: Dec 12, 2025



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