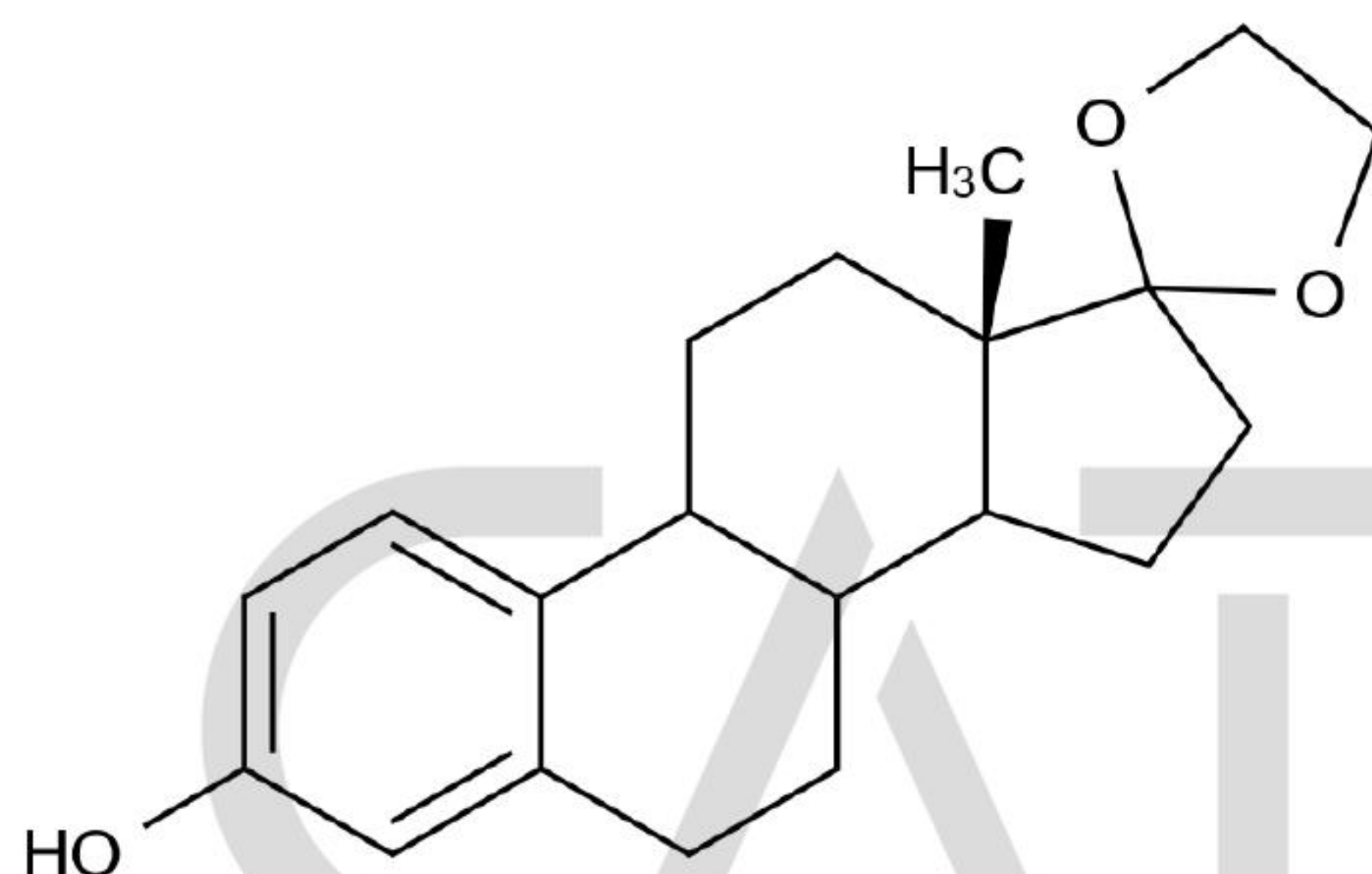


Certificate of Analysis

Reference Material & Standard

Product Name:	Estrone Impurity 12	Catalogue Number:	C4X-210512
Synonyms:	N/A	Lot Number:	0928-RG-0152
CAS Number:	N/A	Expiry Date:	Oct 09, 2029
Molecular Formula:	C ₂₀ H ₂₆ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	97.39%
Loss On Drying	TGA	0.1728%
Assay		97.2%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 10, 2025

Date: Oct 10, 2025

Date: Oct 10, 2025



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