

Certificate of Analysis

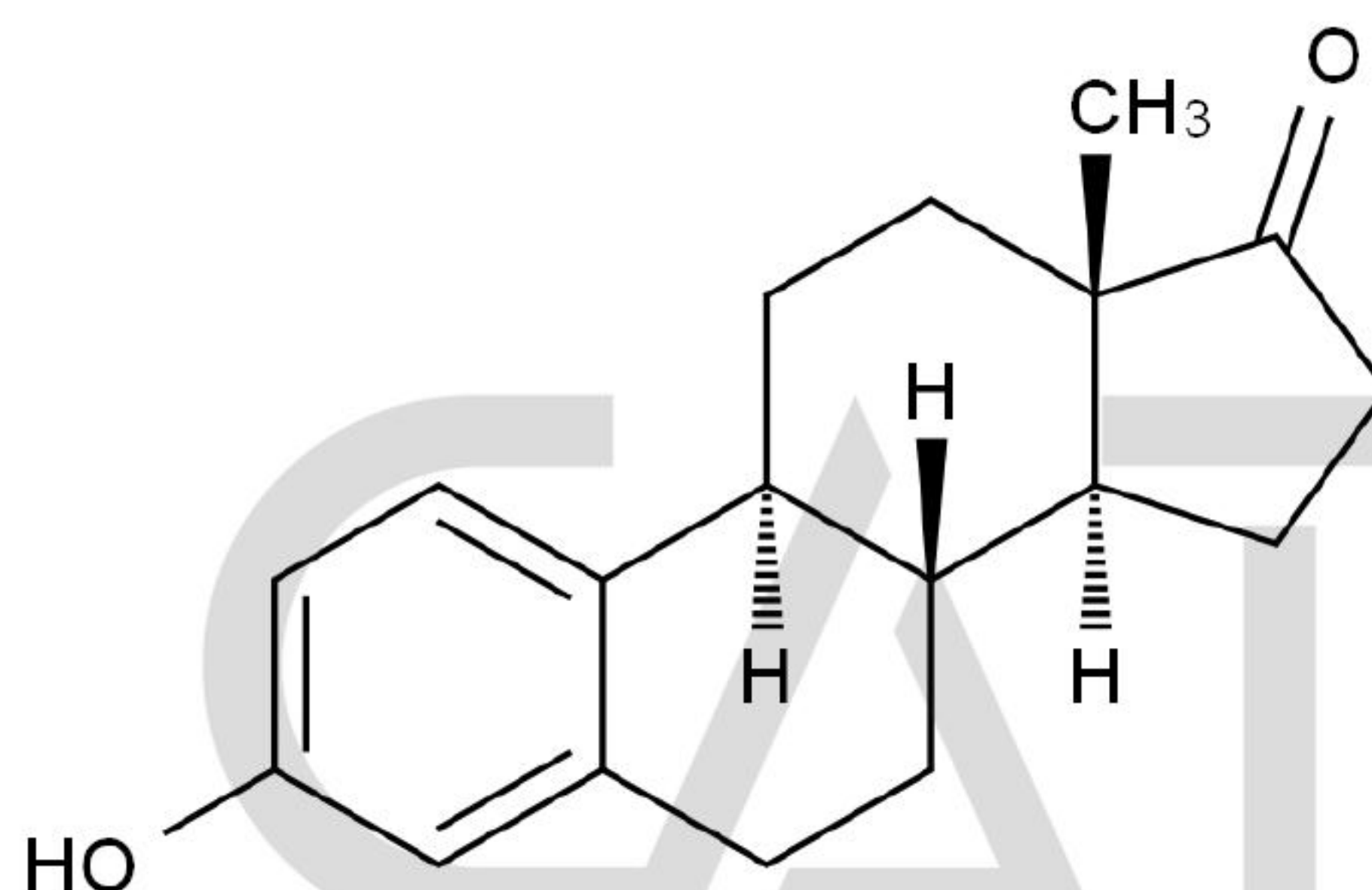
Reference Material & Standard

Product Name:	Estriol EP Impurity B (Estrone)	Catalogue Number:	C4X-14162
Synonyms:	N/A	Lot Number:	0104-RF-0030
CAS Number:	53-16-7	Expiry Date:	Jan 13, 2030
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

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.549%
Loss on Drying	TGA	0.0618%
Assay		99.5%

Comment:

- Catalogue Number has been changed from "CCAD300218" to "C4X-14162". Therefore some of the graphs shown below were named by "CCAD300218".
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
 Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 11, 2026

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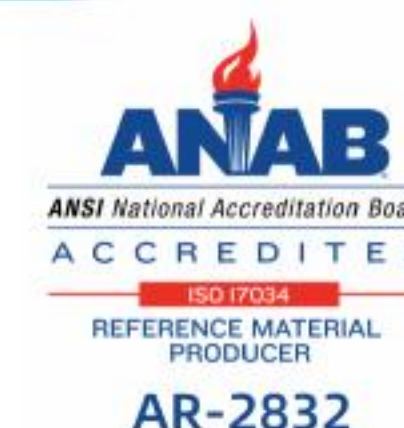
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 8



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