

# Certificate of Analysis

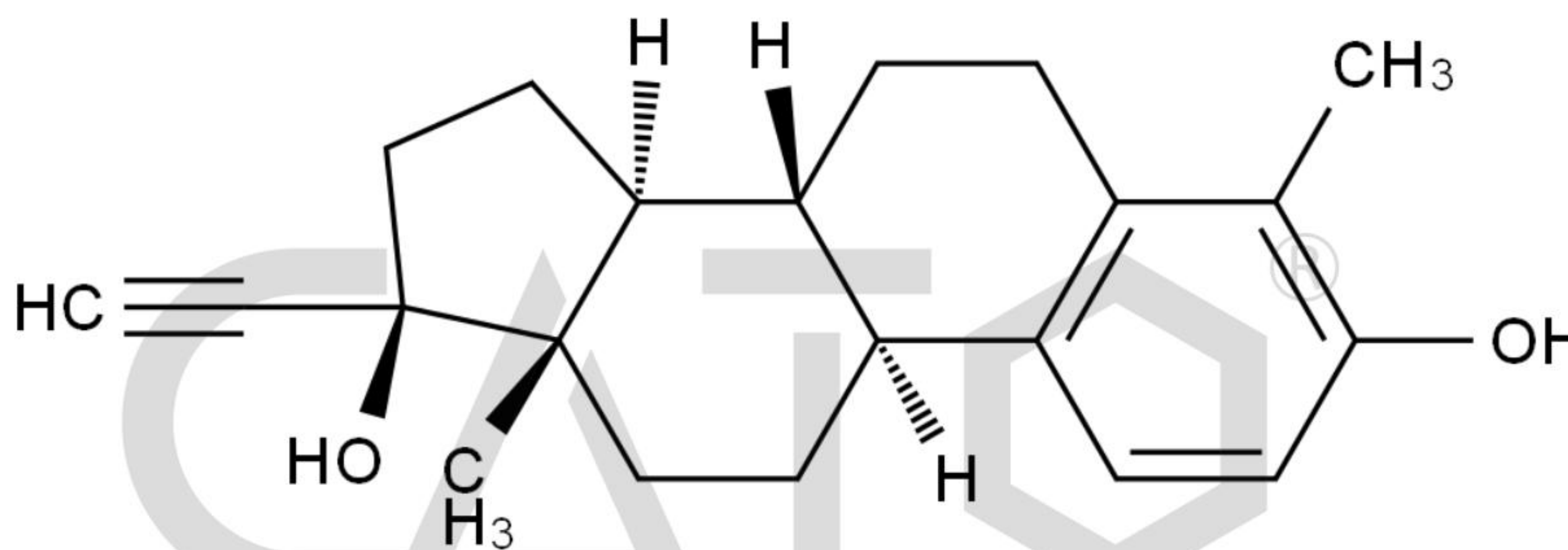
## Reference Material & Standard

|                    |                                                |                     |                                           |
|--------------------|------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Ethinylestradiol EP Impurity K                 | Catalogue Number:   | CP118636                                  |
| Synonyms:          | N/A                                            | Lot Number:         | 0817-RH-0016                              |
| CAS Number:        | 155683-61-7                                    | Expiry Date:        | Aug 18, 2030                              |
| Molecular Formula: | C <sub>21</sub> H <sub>26</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 310.43                                         | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed       |
| Purity         | HPLC              | 95.415%         |
| Loss on Drying | TGA               | 0.0271%         |
| Assay          |                   | 95.4%           |

## 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:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Aug 19, 2026

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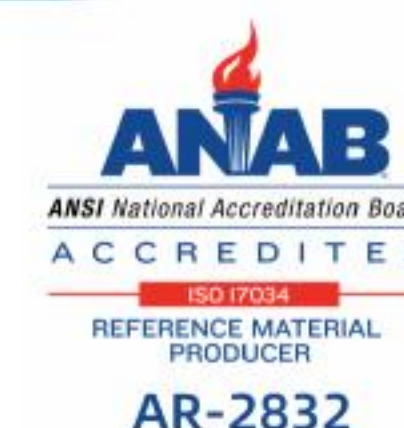
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