

# Certificate of Analysis

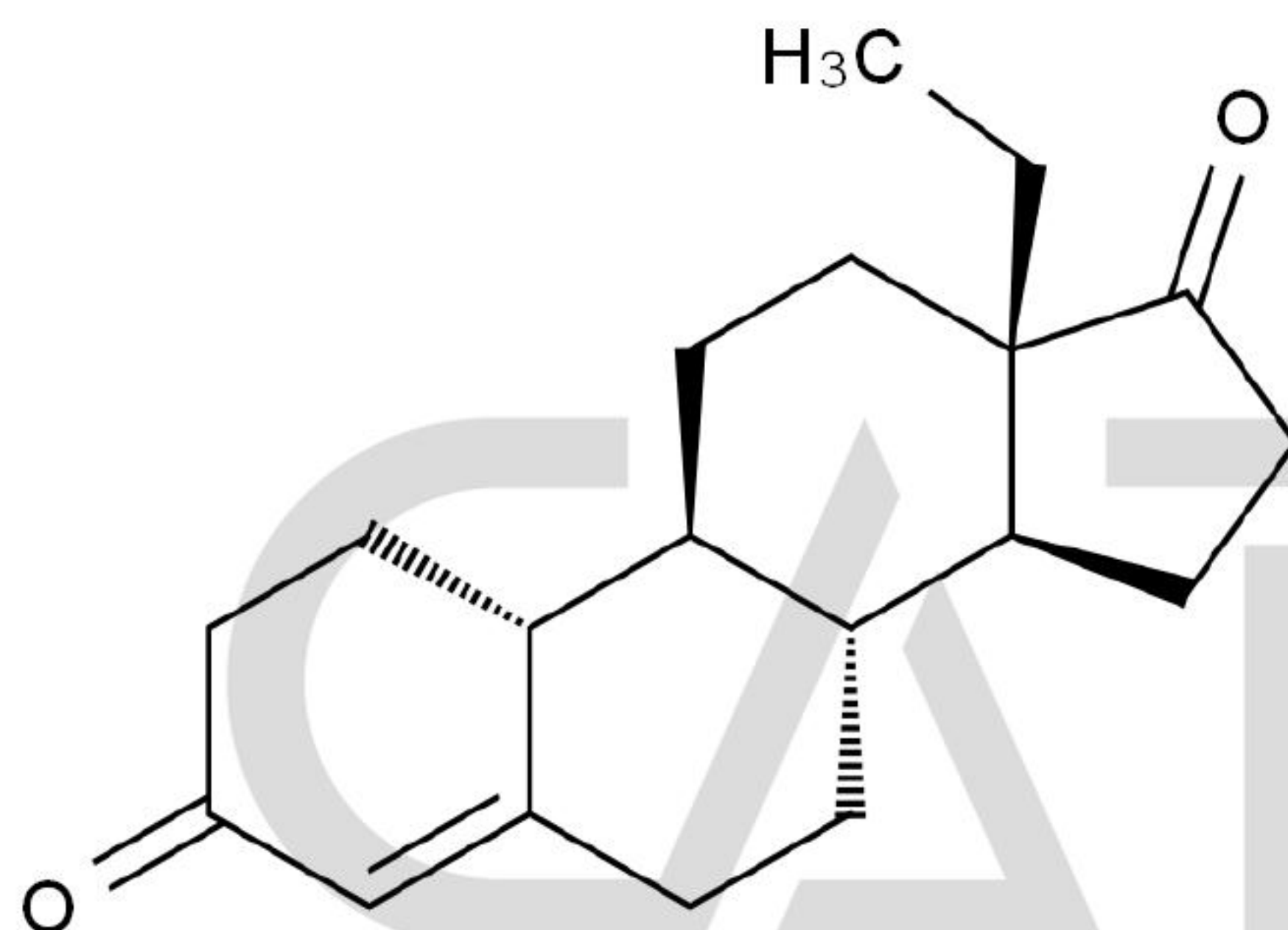
## Reference Material & Standard

|                    |                                                |                     |                                           |
|--------------------|------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Levonorgestrel EP Impurity L                   | Catalogue Number:   | C4X-167712                                |
| Synonyms:          | N/A                                            | Lot Number:         | 1105-RF-0002                              |
| CAS Number:        | 21800-83-9                                     | Expiry Date:        | Nov 06, 2027                              |
| Molecular Formula: | C <sub>19</sub> H <sub>26</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 286.41                                         | 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              | 99.206%     |
| Loss on Drying | TGA               | 0.0186%     |
| Assay          |                   | 99.2%       |

## 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 10, 2026

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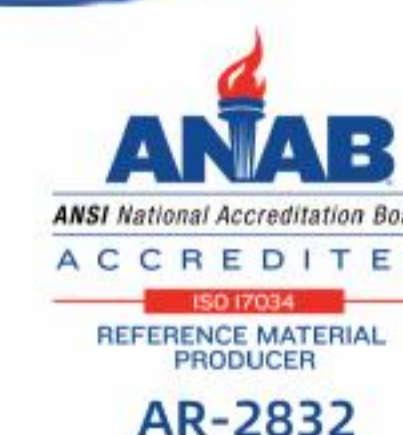
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