

Certificate of Analysis

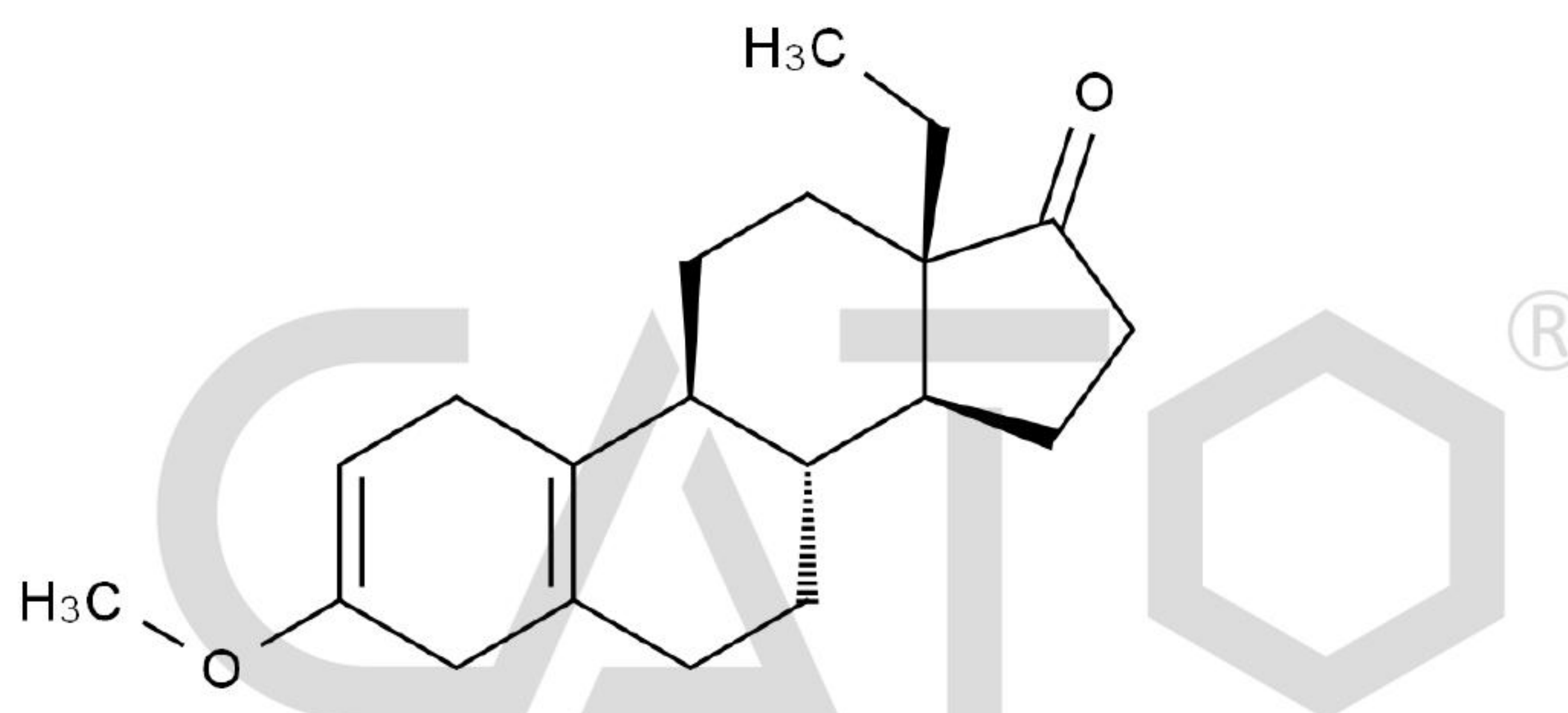
Reference Material & Standard

Product Name:	Levonorgestrel EP Impurity R	Catalogue Number:	C4X-167718
Synonyms:	N/A	Lot Number:	0305-RC-0004
CAS Number:	2322-77-2	Expiry Date:	Aug 15, 2027
Molecular Formula:	C ₂₀ H ₂₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.44	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	ELSD	96.998%
Loss on Drying	TGA	0.0000%
Assay		97.0%

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: Aug 10, 2026

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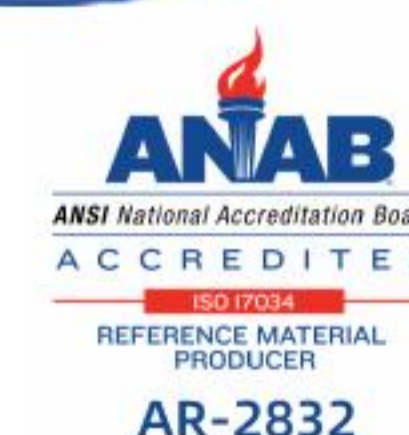
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