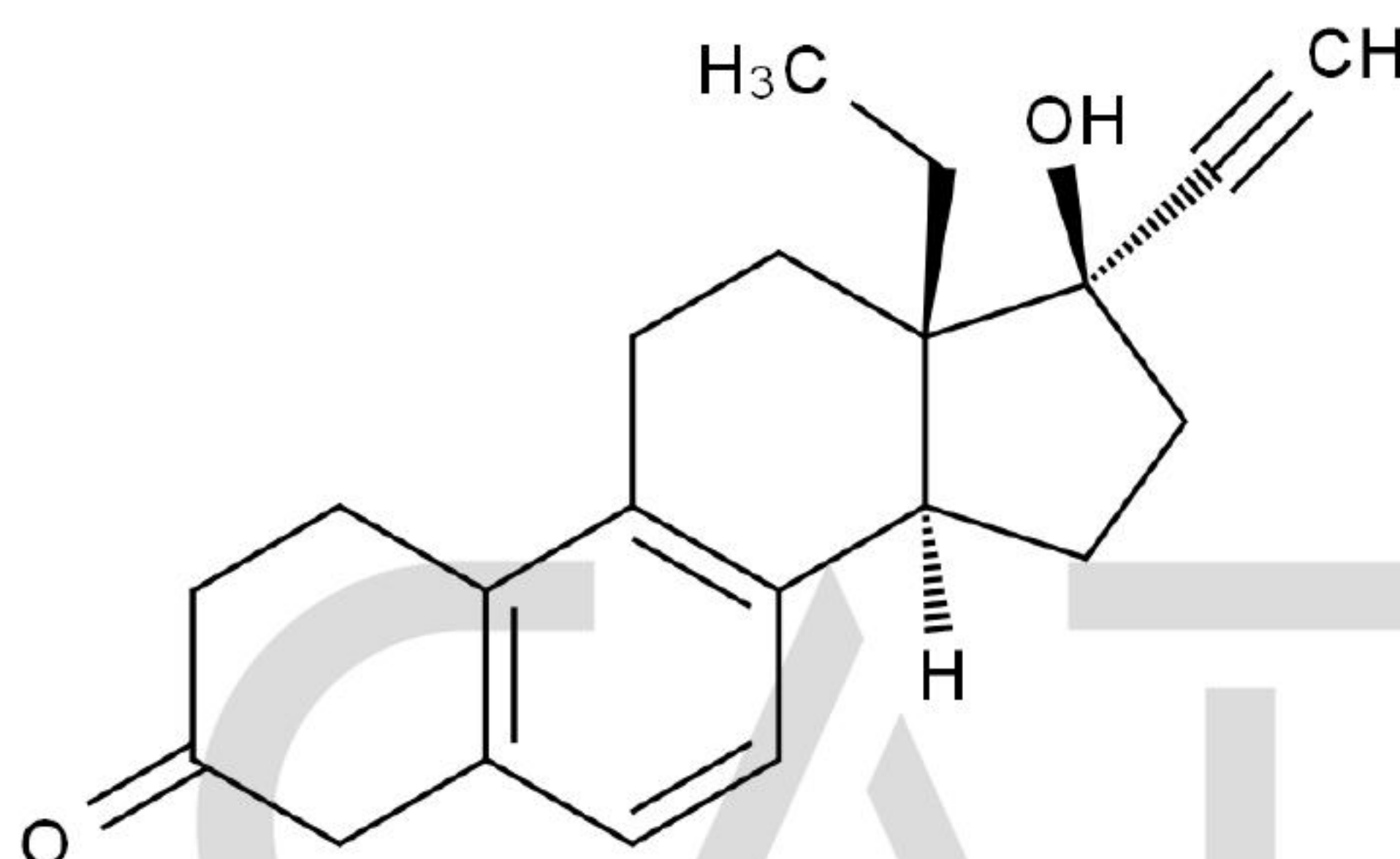


Certificate of Analysis

Reference Material & Standard

Product Name:	Levonorgestrel EP Impurity W	Catalogue Number:	C4X-167722
Synonyms:	N/A	Lot Number:	1104-RF-0097
CAS Number:	155683-59-3	Expiry Date:	Dec 02, 2027
Molecular Formula:	C ₂₁ H ₂₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	308.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.584%
Loss On Drying	TGA	0.2017%
Assay		97.4%

Comment:

The calculation of the 100% 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: Dec 03, 2024

Date: Dec 03, 2024

Date: Dec 03, 2024

