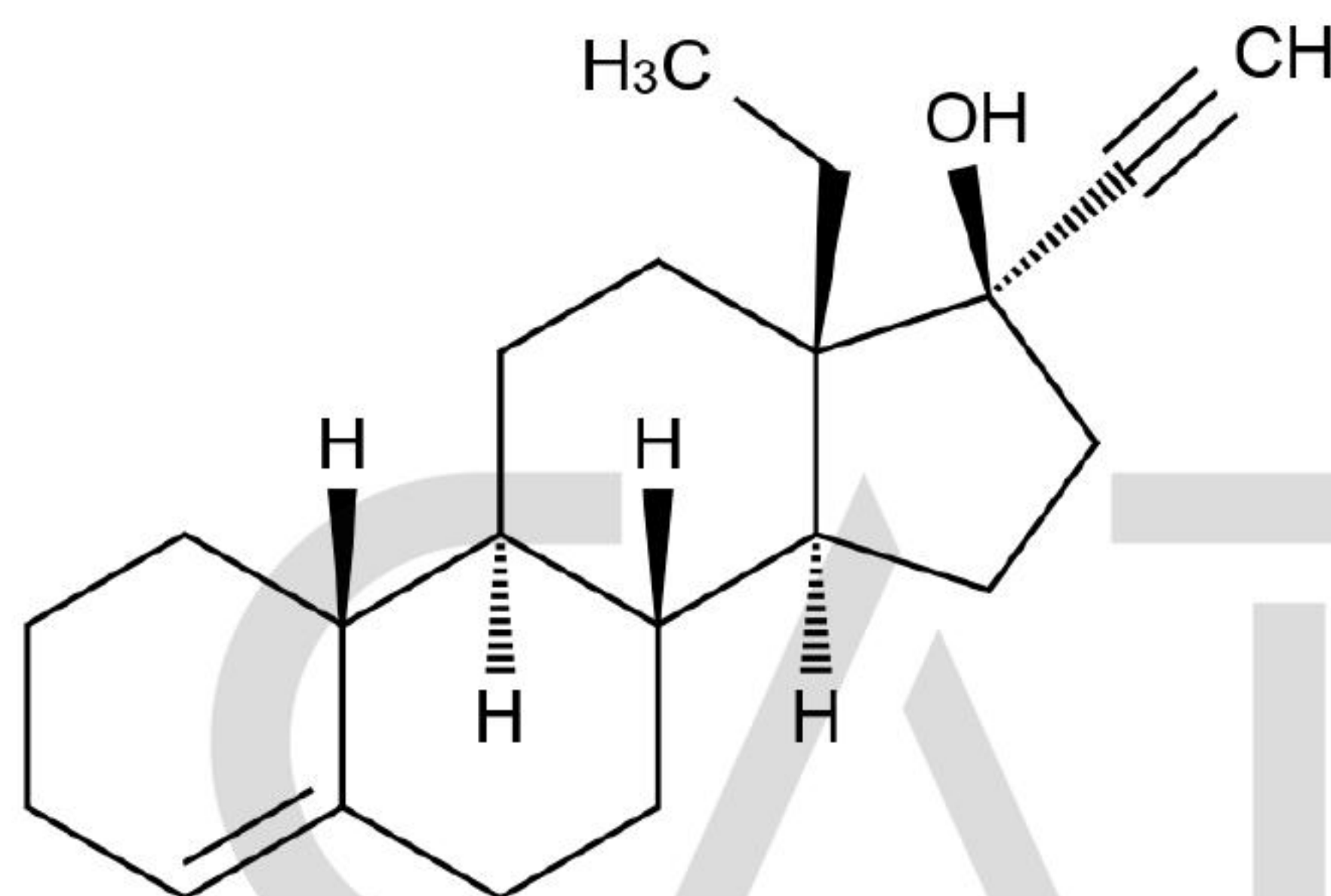


Certificate of Analysis

Reference Material & Standard

Product Name:	Levonorgestrel EP Impurity D	Catalogue Number:	C4X-16774
Synonyms:	N/A	Lot Number:	1209-RF-0004
CAS Number:	32419-58-2	Expiry Date:	Jan 23, 2028
Molecular Formula:	C ₂₁ H ₃₀ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	298.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	GC	95.206%
Loss on Drying	TGA	1.5148%
Assay		93.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity GC (%) / 100%

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 11, 2026

Date: Aug 11, 2026

Date: Aug 11, 2026



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