

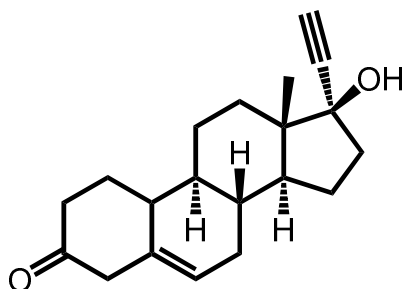
## CERTIFICATE OF ANALYSIS

Reference Substance  
**Norethindrone Impurity-C (EP)**

Date:

**Batch No.:**

IUPAC Name: 17 $\beta$ -Hydroxy-19-nor-17 $\alpha$ -pregn-5-en-20-yn-3-one



Molecular Weight: 298.43 g/mol

Molecular Formula: C<sub>20</sub>H<sub>26</sub>O<sub>2</sub>

Sr.#	Test	Results	Data ref.
1	Appearance	White color solid	-----
2	Purity by HPLC	97.55%	Chromatogram attached
3	Mass	Conform	Report attached
4	<sup>1</sup> H NMR	Conform	Report attached
5	IR	Conform	Report Attached

**Storage condition:** Store at 2-8°C, protect from moisture and direct sunlight.

This certificate of analysis is valid for two years from date of manufacturing provided the substance is stored under suitable conditions.

**Date of manufacturing:**

**Retest Date:**

**Document data reference:**

*Prepared by*

*Reviewed by*

*Approved by*