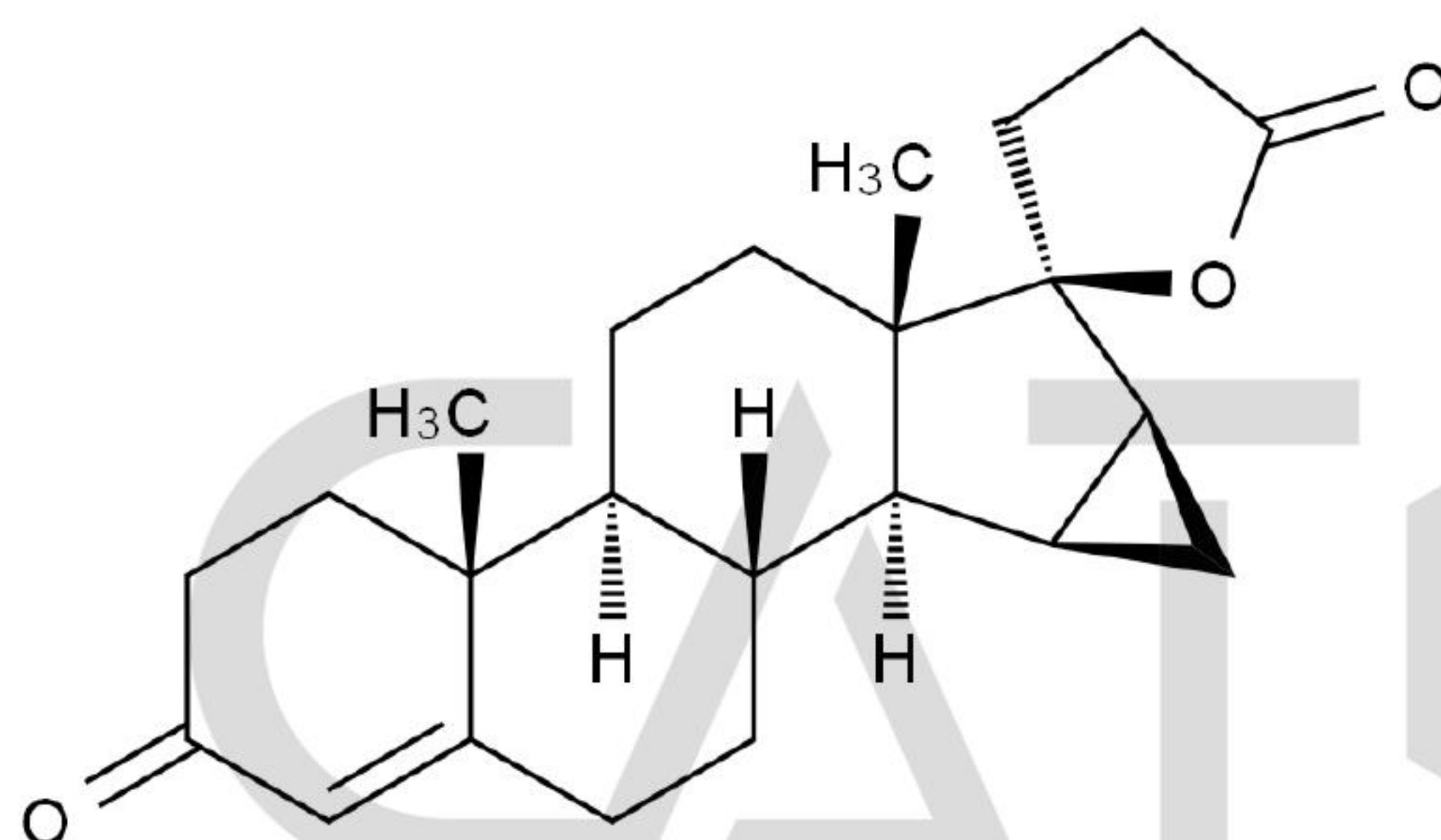


Certificate of Analysis

Reference Material & Standard

Product Name:	Drospirenone EP Impurity A	Catalogue Number:	C4X-16241
Synonyms:	N/A	Lot Number:	0830-RE-0095
CAS Number:	67372-68-3	Expiry Date:	Jul 05, 2030
Molecular Formula:	C ₂₃ H ₃₀ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	354.48	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.12%
Residue on Ignition	TGA	1.06%
Loss on Drying	TGA	0.4146%
Assay		97.7%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 06, 2026

Date: Jul 07, 2026

Date: Jul 07, 2026



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