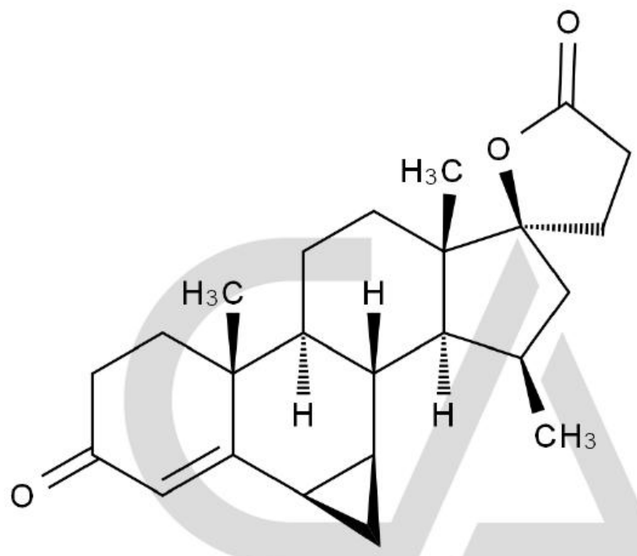
Certificate of Analysis

Reference Material & Standard

Product Name:	Drospirenone EP Impurity F	**Catalogue Number:**	C4X-16245
Synonyms:	3″-16-Secodrospirenone	**Lot Number:**	1021-RH-0002
CAS Number:	N/A	**Expiry Date:**	Oct 07, 2030
Molecular Formula:	$C_{24}H_{32}O_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	368.51	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.05%
Loss on Drying	TGA	0.8623%
Assay	Mass Balance	96.2%

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Comment:

The calculation of the mass balance 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: Date: Oct 23, 2026

Reviewed by: Date: Oct 26, 2026

Approved by General Manager: Date: Oct 26, 2026

CATO Research Chemicals Inc.