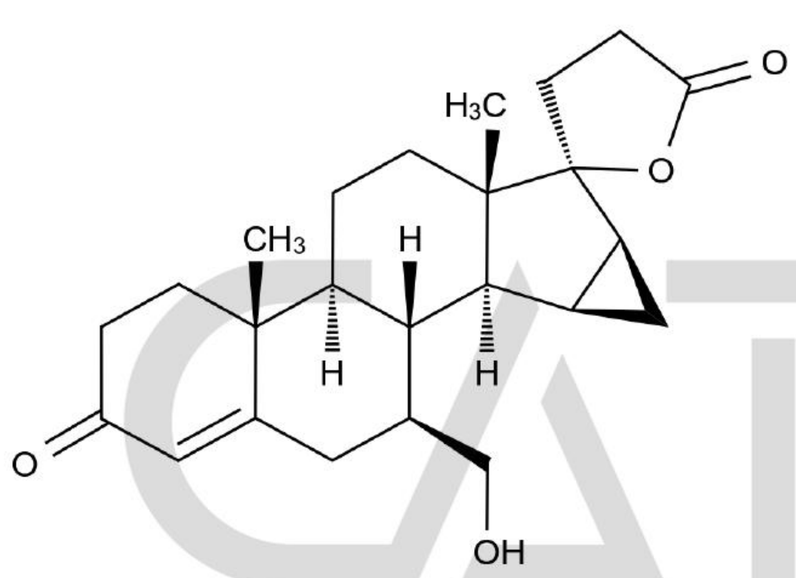
Certificate of Analysis

Reference Material & Standard

Product Name:	Drospirenone EP Impurity B	**Catalogue Number:**	C4X-16242
Synonyms:	7β-Hydroxymethyl Derivative	**Lot Number:**	1010-RH-0078
CAS Number:	3068810-10-3	**Expiry Date:**	Sep 25, 2030
Molecular Formula:	$C_{24}H_{32}O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	384.51	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.86%
Loss on Drying	TGA	0.9672%
Assay	Mass Balance	98.9%

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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 14, 2026

Reviewed by: Date: Oct 15, 2026

Approved by General Manager: Date: Oct 15, 2026

CATO Research Chemicals Inc.