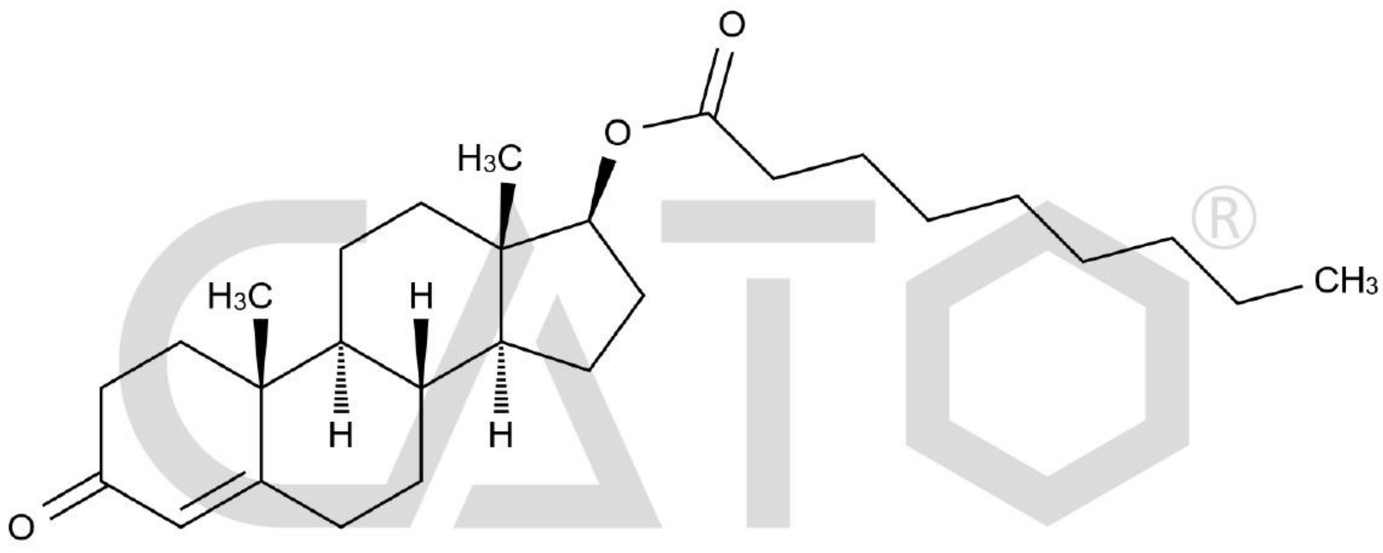
Certificate of Analysis

Reference Material & Standard

Product Name:	Testosterone Decanoate EP Impurity C	**Catalogue Number:**	C4X-243236
Synonyms:	N/A	**Lot Number:**	0922-RH-0014
CAS Number:	57525-67-4	**Expiry Date:**	Sep 29, 2030
Molecular Formula:	$C_{28}H_{44}O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	428.65	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.238%
Loss on Drying	TGA	0.1821%
Assay	Mass Balance	99.1%

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: Alice Date: Sep 30, 2026

Reviewed by: Koi Date: Sep 30, 2026

Approved by General Manager: David Date: Sep 30, 2026

CATO Research Chemicals Inc.