



Solvipurity

ANALYTICAL LABORATORY · REYKJAVÍK, IS

SVP-2026-00250

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ISO/IEC 17025 · GMP · GLP

## CERTIFICATE OF ANALYSIS

AUTHENTIC

# Testosteron Mix 325mg/ml

Björn Healthcare ehf. · Oily solution, amber 10 ml vial, rubber stopper + aluminium flip-off

REPRESENTATIVE CHROMATOGRAM · HPLC-UV 205 NM



## BATCH NO.

BJRN-205L52T

## ANALYTICAL METHODS

HPLC-UV 240 nm · GC-MS (headspace) ·  
ICP-MS · Ph. Eur. 2.6.1 sterility · Kinetic LAL ·  
Ph. Eur. 2.9.19 particulate

## MANUFACTURED

2025-08-26

## EXPIRY

2027-11-26

## RECEIVED

2026-03-16

## RELEASE

2026-03-16

## DECLARED COMPOSITION

Testosterone esters blend (propionate / phenylpropionate / isocaproate / decanoate) 325 mg/ml in MCT oil with benzyl alcohol + benzyl benzoate

## Analytical results

18 TESTS · ALL METHODS VALIDATED

SUBSTANCE / PARAMETER	RESULT	LOQ	LIMIT	METHOD
Appearance — clear yellow oily solution	<b>Conforms</b>	—	clear, amber-yellow	Visual
Identification — HPLC retention time	<b>Matches reference</b>	—	±2.0 % of ref	HPLC-UV
Testosterone esters blend (propionate / phenylpropionate / isocaproate / decanoate) (assay)	<b>321.36 mg/mL</b> 98.88 %	0.05 %	95.0-105.0 %	HPLC-UV
Testosterone (free, impurity A)	<b>0.122 %</b>	0.02 %	≤ 0.50 %	HPLC-UV

+ SOLVIPURITY · CERTIFICATE		SVP-2026-00250 +		
● Testosterone isomer (epi-) (impurity B)	0.067 %	0.02 %	≤ 0.20 %	HPLC-UV
● Any unknown impurity (max single)	< 0.05 %	0.02 %	≤ 0.10 %	HPLC-UV
● Total impurities	0.223 %	0.02 %	≤ 1.00 %	HPLC-UV
● Benzyl alcohol (preservative)	9.60 mg/mL	0.1 mg/mL	9.0-11.0 mg/mL	GC-MS
● Benzyl benzoate (co-solvent)	162 mg/mL	1.0 mg/mL	declared ± 5 %	GC-MS
● Residual ethanol	< 50 ppm	10 ppm	≤ 5 000 ppm (ICH Q3C Class 3)	GC-MS
● Lead (Pb)	0.173 ppm	0.05 ppm	≤ 5.0 ppm (ICH Q3D PDE)	ICP-MS
● Arsenic + Cadmium + Mercury (total)	0.253 ppm	0.05 ppm	≤ 1.5 ppm (ICH Q3D PDE)	ICP-MS
● Palladium + Platinum (catalyst residues)	< 0.1 ppm	0.05 ppm	≤ 1.0 ppm	ICP-MS
● Bacterial endotoxins (LAL)	< 0.5 EU/mL	0.125 EU/mL	≤ 17.5 EU/mL	Kinetic LAL
● Sterility	Complies – no growth	–	No growth, 14 d	Ph. Eur. 2.6.1
● Sub-visible particles ≥ 10 µm	252 /container	1 /mL	≤ 6 000 /- container	Light obscuration
● Sub-visible particles ≥ 25 µm	15 /container	1 /mL	≤ 600 /container	Light obscuration
● Fill volume	10.05 mL	0.05 mL	10.0 mL ± 2 %	Ph. Eur. 2.9.17



