



Solvipurity

ANALYTICAL LABORATORY · REYKJAVÍK, IS

SVP-2026-00269

ISSUED 2026-03-16 · ACCREDITATION AL-1142  
ISO/IEC 17025 · GMP · GLP

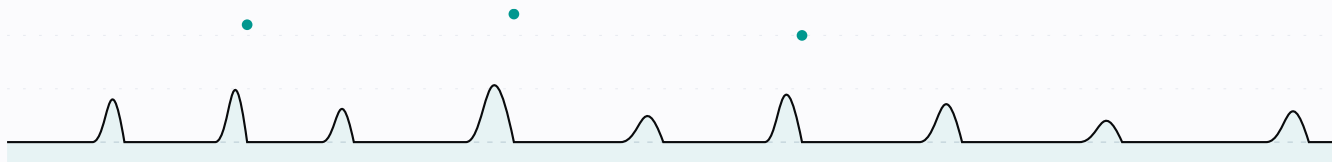
## CERTIFICATE OF ANALYSIS

AUTHENTIC

# Andarine S-4 25mg

Björn Healthcare ehf. · DPE bottle, 60 capsules, induction-sealed, with desiccant

REPRESENTATIVE CHROMATOGRAM · HPLC-UV 205 NM



## BATCH NO.

BJRN-20G37DN

## ANALYTICAL METHODS

HPLC-UV · Ph. Eur. 2.9.3 dissolution · Ph. Eur. 2.9.40 uniformity · Karl Fischer 2.5.32 · GC-MS headspace · ICP-MS · Ph. Eur. 2.6.12 / 2.6.13

## MANUFACTURED

2025-12-15

## EXPIRY

2028-04-15

## RECEIVED

2026-03-16

## RELEASE

2026-03-16

## DECLARED COMPOSITION

Andarine (S-4) 25 mg per capsule

## Analytical results

19 TESTS · ALL METHODS VALIDATED

SUBSTANCE / PARAMETER	RESULT	LOQ	LIMIT	METHOD
Appearance (shape, colour, engraving)	<b>Conforms</b>	–	as specification	Visual
Average mass	<b>174 mg</b>	1 mg	165–183 mg	Ph. Eur. 2.9.5
Identification — HPLC retention time	<b>Matches reference</b>	–	±2.0 % of ref	HPLC-UV
Andarine (S-4) (assay)	<b>25.3 mg/tab</b> 101.19 %	0.05 %	95.0–105.0 %	HPLC-UV
Uniformity of dosage units (AV)	<b>AV = 7.9</b>	–	AV ≤ 15.0	Ph. Eur. 2.9.40

● issolution (Q at 30 min)		89.6 %	2 % Q ≥ 80 % at 30 min		Ph. Eur. 2.9.3 (paddle)
+ SOLVIPURITY · CERTIFICATE SVP-2026-00269 +					
● S-4 des-nitro (specified impurity)	0.176 %	0.03 %	≤ 0.30 %		HPLC-UV
● Any unspecified impurity	< 0.08 %	0.03 %	≤ 0.20 %		HPLC-UV
● Total impurities	0.337 %	0.05 %	≤ 1.00 %		HPLC-UV
● Water content (Karl Fischer)	2.56 %	0.1 %	≤ 5.0 %		Ph. Eur. 2.5.32
● Residual methanol	261 ppm	10 ppm	≤ 3 000 ppm (ICH Q3C Class 2)		GC-MS
● Residual ethanol	413 ppm	10 ppm	≤ 5 000 ppm (ICH Q3C Class 3)		GC-MS
● Lead (Pb)	0.066 ppm	0.02 ppm	≤ 0.5 ppm (ICH Q3D oral)		ICP-MS
● Cadmium (Cd)	0.098 ppm	0.01 ppm	≤ 0.5 ppm		ICP-MS
● Mercury (Hg)	0.0127 ppm	0.005 ppm	≤ 0.3 ppm		ICP-MS
● Arsenic (As)	0.054 ppm	0.01 ppm	≤ 1.5 ppm		ICP-MS
● TAMC (aerobic bacteria)	< 10 CFU/g	10 CFU/g	≤ 10 <sup>3</sup> CFU/g		Ph. Eur. 2.6.12
● TYMC (yeast / molds)	< 10 CFU/g	10 CFU/g	≤ 10 <sup>2</sup> CFU/g		Ph. Eur. 2.6.12
● Absence of E. coli (1 g)	Complies	–	Absence in 1 g		Ph. Eur. 2.6.13



