Axiom
ANALYTICS

CERTIFICATE OF ANALYSIS · 4X ESSENTIAL PANEL

Axiom Analytics Labs LLC
Sacramento, California, USA

AX-2026-1459-E6Q7

Wolverine Blend (BPC-157/TB-500) · Lot GL-WOL20MG-04-2026-001
Issued Oct 22, 2026 PT · v1
Verify: 5B72-D065-7D65

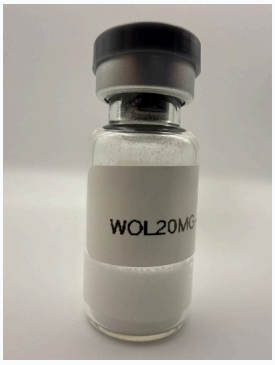
SCAN TO VERIFY

PASS — ALL SPECIFICATIONS MET

4 of 4 layers complete

L1	L2	L3	L4
Identity	Purity	Net Peptide Content	Sterility

Sample & Vial Validation



Vial A: as received & analyzed

MORE VIEWS OF VIAL A



Vial A · right

Brand	**Guardian Labs**	Product	**Wolverine Blend (BPC-157/TB-500)**
Lot / Batch	**GL-WOL20MG-04-2026-001**	Label Claim	**BPC-157 10mg / TB500 10mg**
Matrix	**lyophilized powder**	Sample Count	**1**
Vial Size	**3mL**	Cap Color	**Misty Gray**
Crimp Color	**Silver / Aluminum**	Contents Color	**White**
Seal Intact	**Yes**	Condition	**sealed, intact**
Received	**Oct 21, 2026 PT**	Sampling	**client submitted**

Test Results

Test	Specification	Result	
Identity research screen	every declared component within ±1 Da of its own theoretical mass	2 of 2 components confirmed	PASS
Purity research screen	each declared component at or above its own locked purity criterion	99.67%	PASS
Net Peptide Content research screen	each declared component within its own locked content criterion, at the declared ratio	21.35 mg	PASS
Sterility · Rapid PCR research screen	Rapid PCR screen	Target DNA not detected	PASS

Results relate only to the item or portion tested. Unless sampling was performed or witnessed by Axiom Analytics, the laboratory does not attest that the submitted sample represents the wider lot or batch. A PASS designation means only that the reported result met the specification shown. It does not establish safety, efficacy, regulatory approval, legality, or suitability for human or animal use.

Axiom Analytics Labs LLC
Sacramento, California, USA

AX-2026-1459-E6Q7

Wolverine Blend (BPC-157/TB-500) · Lot GL-WOL20MG-04-2026-001
Issued Oct 22, 2026 PT · v1
Verify: 5B72-D065-7D65

SCAN TO VERIFY

Layer Results

1 Identity

LC-MS (ESI+)

2 of 2 components confirmed
every declared component within ±1 Da of its own theoretical mass

PASS

Component	Its criterion	Observed	Status
BPC-157	1419.556 Da · acceptance ±1 Da · average	1419.569 Da · mass error +0.013 Da (9.2 ppm)	PASS
TB-500 (Thymosin B4)	4963.506 Da · acceptance ±1 Da · average	4963.509 Da · mass error +0.003 Da (0.6 ppm)	PASS

Acceptance **within ±1 Da** Vial A **2 of 2 components confirmed**

2 Purity

RP-HPLC 214nm (USP 621)

99.67%
each declared component at or above its own locked purity criterion

PASS

Component	Its criterion	Observed	Status
BPC-157	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.58%	PASS
TB-500 (Thymosin B4)	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.75%	PASS

Acceptance **Each component NLT 99.25 area %** Vial A **99.67% · PASS**

3 Net Peptide Content

Quantitative HPLC vs reference std

21.35 mg
each declared component within its own locked content criterion, at the declared ratio

PASS

Component	Its criterion	Observed	Status
BPC-157	9–11 mg (10 mg ±10%)	10.74 mg	PASS
TB-500 (Thymosin B4)	9–11 mg (10 mg ±10%)	10.61 mg	PASS

Ratio, in the table's component order: observed **1.00 : 0.99** against declared **1.00 : 1.00** · source Axiom SPEC-CONTENT-001

Target **20 mg (±10%)**

4 Sterility · Rapid PCR

Rapid Microbial DNA Screen (qPCR target panel)

Target DNA not detected
Rapid PCR screen

PASS

Target panel **Pan-bacterial 16S rRNA gene (VIC), Pan-fungal 18S rRNA gene (FAM)**

Run controls valid.

Reporting Scope & Limitations

[Sterility · Rapid PCR] DNA-target research screen only. It detects microbial DNA from viable and non-viable organisms alike, and is neither viable-CFU enumeration under USP <61> nor a batch sterility determination under USP <71>.

Results relate only to the item or portion tested. Unless sampling was performed or witnessed by Axiom Analytics, the laboratory does not attest that the submitted sample represents the wider lot or batch. A PASS designation means only that the reported result met the specification shown. It does not establish safety, efficacy, regulatory approval, legality, or suitability for human or animal use.

Axiom
ANALYTICS

CERTIFICATE OF ANALYSIS · 4X ESSENTIAL PANEL

Axiom Analytics Labs LLC
Sacramento, California, USA

AX-2026-1459-E6Q7

Wolverine Blend (BPC-157/TB-500) · Lot GL-WOL20MG-04-2026-001
Issued Oct 22, 2026 PT · v1
Verify: 5B72-D065-7D65

SCAN TO VERIFY

Digital Signatures

Analyst	**Alana Reeves**	Analyst Signature	**ed25519:885d23228189fec7e956f8eb...**
Technical Reviewer	**Michael Niles**	Reviewer Signature	**ed25519:9d26ddbe65d2abcce67320fa...**
Laboratory Director	**Daniel Brennan**	Director Signature	**ed25519:cfb48327158a7cce9d785118...**

Where physical instrument analysis is performed, it takes place within Axiom Analytics' laboratory network, allocated at Axiom's discretion based on method, capacity, and order volume. Axiom Analytics performs sample accession, chain of custody, analytical oversight, and data review, and issues and is responsible for this certificate. Where analysis is subcontracted, the method is performed within the partner laboratory's published ISO/IEC 17025 scope of accreditation for that method, not merely at a laboratory holding ISO/IEC 17025 accreditation. Axiom Analytics does not itself currently hold ISO/IEC 17025 accreditation. The method-validation status of each reported result is identified beside that result. Partner laboratory identities are not disclosed: where samples are analyzed under double-blind conditions, they are identified only by an internal lot ID.

Each signature is an ed25519 signature over the SHA-384 hash of this report. Scan the QR on the letterhead or verify independently at https://axiomanalyticslab.com/verify/AX-2026-1459-E6Q7.

✓ CRYPTOGRAPHICALLY SEALED (ed25519 + SHA-384)

SHA-384: 3790eddaa880ed5dc070176136d93ecb4e00b71052b1d9426eb94537465d1833...

Seal: ed25519:35e779b3850e0c84f9c75c34e308a9adefc379f1...

Results relate only to the item or portion tested. Unless sampling was performed or witnessed by Axiom Analytics, the laboratory does not attest that the submitted sample represents the wider lot or batch. A PASS designation means only that the reported result met the specification shown. It does not establish safety, efficacy, regulatory approval, legality, or suitability for human or animal use.

RESEARCH USE ONLY. All analytical testing, validation reports, and interactive Certificates of Analysis (COAs) provided by Axiom Analytics are intended strictly for Research Use Only (RUO) in in-vitro or laboratory animal model environments. Axiom Analytics does not analyze, validate, evaluate, or make any representations regarding the safety, efficacy, toxicity, or legality of any tested substance for human or animal consumption, veterinary use, clinical diagnostics, food additives, cosmetics, or household applications.