



Certificate of Analysis

All tests passed. This certificate is verified and authentic.

TESTED FOR



Panda Peptides
pandapeptides.com

Product Information

Product
BPC-157 TB-500 10mg - 20mg

Lot Number
PP2605-007B

Appearance
Good

Test Type
Full QC Panel

Date Received
09/08/2026

Analysis Confirmed
09/16/2026



Confirmed Fentanyl Free

Immunoassay, 50 ng/mL cutoff

Test Results — Full QC Panel

Analyte	Limit	Result	Unit	Status
Peptide Purity (HPLC)	≥ 95.0%	99.77%	%	PASS
Net Blend Peptide Content	Report Only	21.23	mg	N/A
— BPC-157		10.83	mg	
— TB-500		10.40	mg	
Identity (ID)	BPC-157; TB-4	Confirmed	-	PASS

⊗ Elemental Impurities — ICP-MS per USP (233)

Element	Limit (ppm)	Result (ppm)	Status
Arsenic (As)	≤ 1.5 ppm	0.0857 ppm	PASS
Cadmium (Cd)	≤ 0.5 ppm	0.0585 ppm	PASS
Chromium (Cr)	≤ 10 ppm	< LOQ	PASS
Mercury (Hg)	≤ 1.5 ppm	0.128 ppm	PASS
Lead (Pb)	≤ 1 ppm	0.0922 ppm	PASS

Overall: PASS

🛡️ Sterility Testing (PCR)

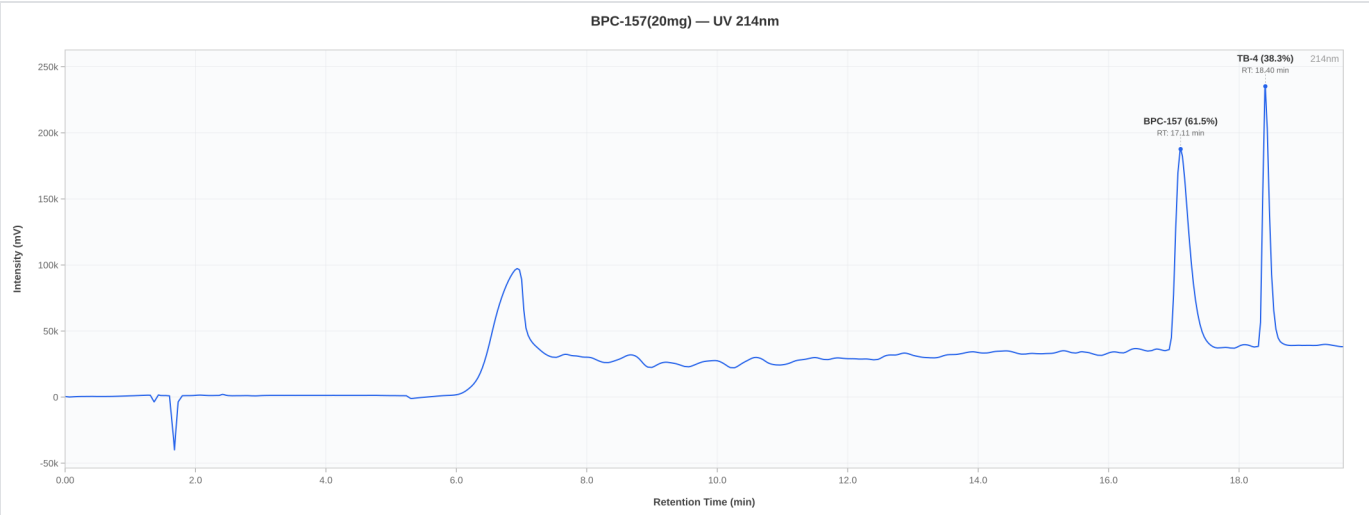
Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS

🔗 Endotoxin Testing — USP <85>

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	≤ 0.05 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

HPLC Chromatogram



Representative chromatogram, Conformity V1 (closest to batch mean purity)

Sample	Purity	Net Content	Identification	Result
Dedicated V0	99.77%	21.23 mg	Confirmed	PASS
★ Conformity V1	99.78%	21.27 mg	Confirmed	PASS
Conformity V2	99.83%	21.24 mg	Confirmed	PASS

STATISTICAL SUMMARY

Purity (HPLC)

Mean: 99.79 %

Std Dev: 0.0262 %

Net Peptide Content

Mean: 21.25 mg

Std Dev: 0.0170 mg

Endotoxin (USP <85>)

Mean: 0.02 EU/mL

Std Dev: 0.0000 EU/mL

★ Representative sample: Conformity V1 (closest to batch mean purity). The chromatogram above corresponds to this sample.

NOTES & METHODOLOGY

1. Date Tested: 09/16/2026. Methods: Full QC Panel.
2. The sample was confirmed to be BPC-157 TB-500 10mg by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP (233) methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP (85) kinetic chromogenic method. Acceptance criteria per client specification.
5. Sterility testing performed by PCR (Polymerase Chain Reaction) method.
6. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
7. Accreditation Scope: ILS Laboratories maintains ISO/IEC 17025 accreditation for activities listed in its published PJLA scope. Peptide testing reported on this certificate is performed for Research Use Only.
8. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.

Dr. Greg Kalyuzhny

COA: COA-2026-BPLUKU

Lab Director
09/16/2026

Access Code: Q6QTHYMM
Produced: 9/16/2026

This certificate was issued by **ILS Laboratories LLC**