Certificate of Analysis

ILS Laboratories
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(619) 329-3999 | ils-lab.com

BPC-157/TB-500 Blend - 10/10

Tested for: TrustedPeps
https://trustedpeps.us/

PASS

Scan to verify authenticity at ils-lab.com
Access Code: DJTZC4ME

COA #:	**COA-2026-EFI4IX**	Analysis Date:	**10/21/2026**
Lot Number:	**TP-BPTB-B**	Sample Matrix:	**Lyophilized**
Accession #:	**ACC-2026-23536**	Date Received:	**10/20/2026**
Labeled Content:	**10/10**		

Method: **Full QC Panel**

Identity	Peptide Purity	
BPC-157/TB-500 Blend	**99.71%**	Fentanyl Free

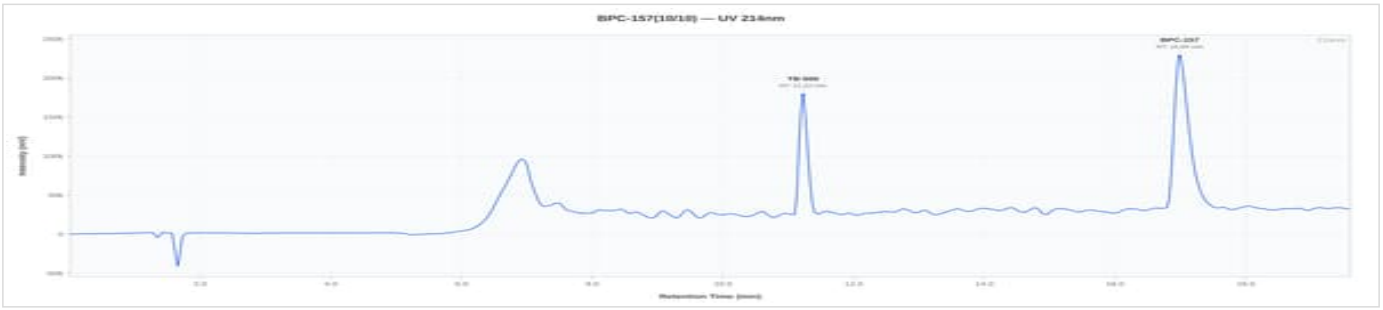


BPC-157/TB-500 Blend 10/10 - TP-BPTB-B

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.71%**	%	PASS
Net Blend Peptide Content	Report Only	**20.77**	mg	N/A
-- BPC-157		*10.29*	*mg*	
-- TB-500		*10.48*	*mg*	
Identity (HPLC-RTM)	BPC-157 + TB-500	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

HPLC Chromatogram



BPC-157/TB-500 Blend 10/10 - TP-BPTB-B: UV Chromatogram

Additional Analyses

Product pH
Method: Potentiometric pH (USP <791>)
Result: 5.08 Spec: Report Only Status: Report Only

Solubility Analysis
Method: Visual Solubility Assessment (USP general notices descriptive terms)
Result: Fully soluble - clear solution Spec: Report Only Status: Report Only
Solvent: Nuclease-Free Water Concentration: 6.66 mg/mL

Closure Integrity
Method: Vacuum Leak Test (USP <1207>)
Result: No leakage observed Spec: No leakage observed Status: PASS

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	*Not Detected*	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	*Not Detected*	**PASS**
Lead (Pb)	NMT 1.0 ppm	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Chromium (Cr)	NMT 10.0 ppm	*Not Detected*	**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>)	< 0.25 EU/mL	**0.058 EU/mL**	**PASS**

Acceptance criteria: NMT 0.25 EU/mL per client specification.

Notes & Methodology

1. Date Tested: 10/21/2026. Methods: Full QC Panel.
2. The sample was confirmed to be BPC-157/TB-500 Blend 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. 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.
6. Per-component content determined by individual peak integration. Not all labeled components may be present.
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.

Issued by ILS Laboratories
(619) 329-3999
ils-lab.com

Dr. Greg Kalyuzhny
Lab Director
10/21/2026

COA #: **COA-2026-EFI4IX**
Access Code: **DJTZC4ME**
Verify: portal.ils-lab.com/verify/QncPd7X9wOPY-P-x
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