Certificate of Analysis

ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

BPC-157 / TB-4 - 20mg

7X TESTED

PASS

Tested for: Precisely Peptides
https://www.preciselypeptides.com

COA #:	**COA-2026-TGPTHI**	Analysis Date:	**11/13/2026**
Lot Number:	**PP1030-26-001**	Appearance:	**Good**
Accession #:	**ACC-2026-25272**	Sample Matrix:	**Lyophilized**
Labeled Content:	**20mg**	Date Received:	**11/05/2026**

Method: **Full QC Panel**

Scan to verify authenticity at ils-lab.com
Access Code: 7J9WHR63

Identity	Peptide Purity	
BPC-157 / TB-4	**99.84%**	Fentanyl Free

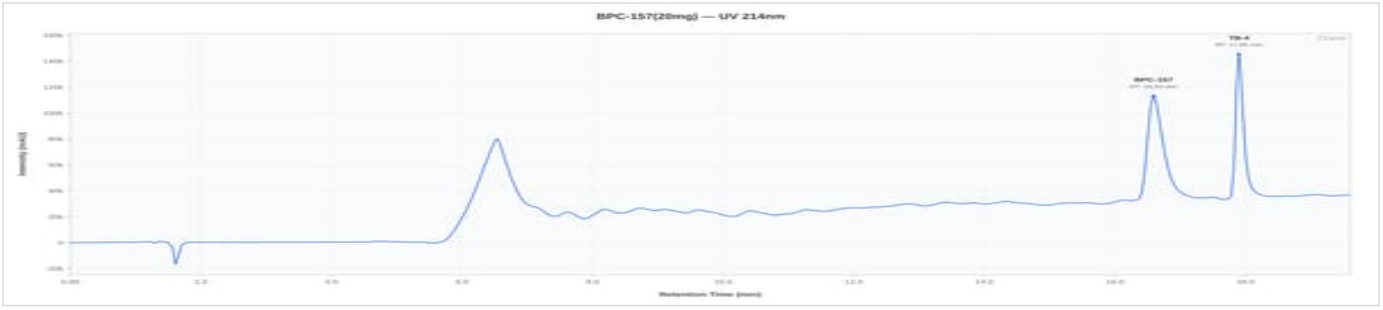


BPC-157 / TB-4 20mg - PP1030-26-001

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.84%**	%	PASS
Net Blend Peptide Content	Report Only	**20.75**	mg	N/A
-- BPC-157		*10.28*	*mg*	
-- TB-4		*10.47*	*mg*	
Identity (HPLC-RTM)	BPC-157 + TB-4	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

HPLC Chromatogram



BPC-157 / TB-4 20mg - PP1030-26-001: UV Chromatogram

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
Chromium (Cr)	NMT 10 ppm	0.36 ppm	PASS
Mercury (Hg)	NMT 1.5 ppm	0.238 ppm	PASS
Lead (Pb)	NMT 1 ppm	0.147 ppm	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>)	NMT 0.5 EU/mL	**0.147 EU/mL**	**PASS**
Acceptance criteria: NMT 0.5 EU/mL per client specification.			

Notes & Methodology

1. Date Tested: 11/13/2026. Methods: Full QC Panel.
2. The sample was confirmed to be BPC-157 / TB-4 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. Quality System: ILS Laboratories operates an ISO/IEC 17025 quality management system. Peptide testing 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
11/13/2026

COA #: **COA-2026-TGPTHI**
Access Code: **7J9WHR63**
Verify: portal.ils-lab.com/verify/PHz8lbVUNXUf0OFk
Issued: 11/13/2026

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This certificate relates only to the sample(s) tested.