Certificate of Analysis

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

BPC-157 / TB-500 - 10mg

Tested for: Voltera Sciences
www.volterasciences.com

PASS

COA #:	**COA-2026-954036**	Analysis Date:	**07/15/2026**
Lot Number:	**BB10-07082026**	Appearance:	**Good**
Labeled Content:	**10mg**	Vial Size:	**3mL**
Vial Size:	**3mL**	Date Received:	**07/01/2026**

Method: **Full QC Panel**

Scan to verify authenticity at ils-lab.com
Access Code: R9BPUGRD

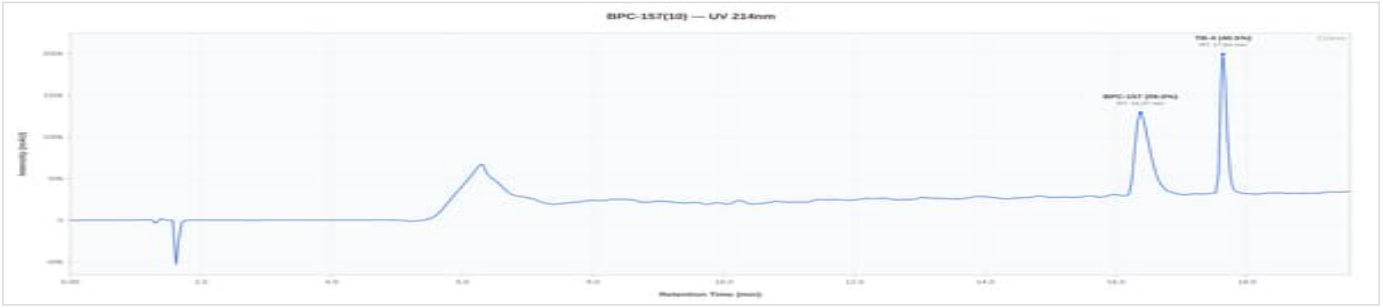
Identity	Peptide Purity	
BPC-157 / TB-500	**99.56%**	**Fentanyl Free**

BPC-157 / TB-500 10mg - BB10-07082026

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.56%**	%	**PASS**
Net Peptide Content	Report Only	**10.68**	mg	N/A
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 10mg - BB10-07082026: 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	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Lead (Pb)	NMT 1 ppm	*Not Detected*	**PASS**

Dr. Greg Kalyuzhny
Lab Director
7/15/2026

COA #: **COA-2026-954036**
Access Code: **R9BPUGRD**
Verify: portal.ils-lab.com/verify/FC3_LvnOHEpr6_2-
Issued: 7/15/2026

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	**NMT 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.

Notes & Methodology

1. Date Tested: 07/17/2026. Methods: Full QC Panel.
2. The sample was confirmed to be BPC-157 / TB-500 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 turbidimetric 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.

Dr. Greg Kalyuzhny
Lab Director
7/15/2026

COA #: **COA-2026-954036**
Access Code: **R9BPUGRD**
Verify: portal.ils-lab.com/verify/FC3_LvnOHEpr6_2-
Issued: 7/15/2026

Certificate of Analysis

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BPC-157+TB-500

Tested for: Voltera Sciences
www.volterasciences.com

PASS

COA #:	**COA-2026-412745**	Method:	**Full QC Panel**
Lot Number:	**BB20.05.28.26**	Analysis Date:	**06/05/2026**
Accession #:	**ACC-2026-3576**	Appearance:	**Good**
Sample Matrix:	**Lyophilized**	Sample Matrix:	**Lyophilized**
		Date Received:	**05/30/2026**

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

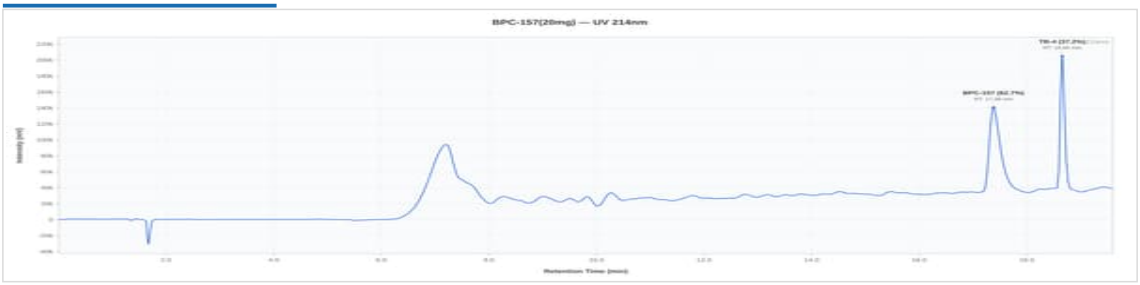
Identity	Peptide Purity	
BPC-157+TB-500	**99.91%**	**Fentanyl Free**

BPC-157+TB-500 - BB20.05.28.26

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.91%**	%	PASS
Net Blend Peptide Content	Report Only	**20.77**	mg	N/A
-- BPC-157		*10.59*	*mg*	
-- TB-500		*10.18*	*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 - BB20.05.28.26: 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	*Not Detected*	PASS
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	PASS
Lead (Pb)	NMT 1 ppm	*Not Detected*	PASS

Dr. Greg Kalyuzhny
Lab Director
6/7/2026

COA #: **COA-2026-412745**
Access Code: **TGDVCNBJ**
Verify: portal.ils-lab.com/verify/2Kgjl3NghcM-mqne
Issued: 6/7/2026

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	**0.1 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.

Notes & Methodology

1. Date Tested: 06/07/2026. Methods: Full QC Panel.
2. The sample was confirmed to be BPC-157+TB-500 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 turbidimetric 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 calculated from total net peptide content using the manufacturer's stated formulation ratio (BPC-157, TB-500). All components confirmed present by HPLC identity testing, unless explicitly stated otherwise.

Dr. Greg Kalyuzhny
Lab Director
6/7/2026

COA #: **COA-2026-412745**
Access Code: **TGDVCNBJ**
Verify: portal.ils-lab.com/verify/2Kgjl3NghcM-mqne
Issued: 6/7/2026

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KOVERA LABS

CERTIFICATE OF ANALYSIS

REPORT # KVR-2026-9C8FBC

Client: Voltera **Certified:** 05/14/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	BPC-157/TB-500	**Form**	Lyophilized powder
Batch	BPCTB.05.02.2026	**Labeled Qty**	10 mg
Cap Color	Transparent	**Crimp Color**	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Blend Avg Purity	(>98%)	99.893% ✓
Blend Avg Net Content	(10mg ± 10%)	10.79 mg ✓
Blend Identification (LC-MS)	(BPC-157/TB-500)	BPC-157/TB-500 ✓
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS ✓
Microbial Sterility Screen	(No Growth)	No Growth ✓

BATCH CONFORMITY RESULTS

Vial	Blend Purity (%)	Blend Net Content (mg)
Vial 1	99.807	10.79
Vial 2	99.979	10.79
Batch Average	**99.893%**	**10.79 mg**

BLEND COMPONENT ANALYSIS

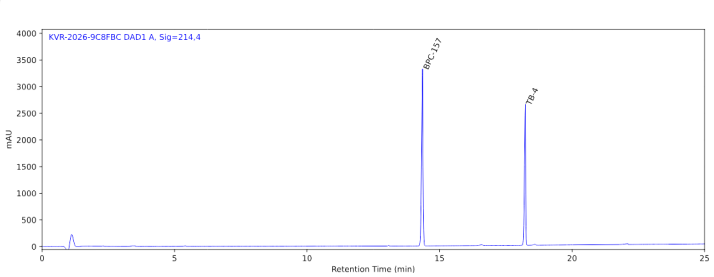
Component	Labeled	Measured
BPC-157	5 mg	5.46 mg
TB-500	5 mg	5.33 mg

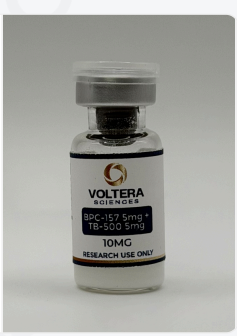
HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	Negative	✓
Cadmium (Cd)	Negative	✓
Lead (Pb)	Negative	✓
Mercury (Hg)	Negative	✓

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm





Lemar Arghandiwal
Lab Director

koveralabs.com/verify

Report#: KVR-2026-9C8FBC
Access Code: MZORE7L

KOVERA LABS

CERTIFICATE OF ANALYSIS

REPORT # KVR-2026-7E7559

Client: Voltera

Certified: 05/14/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	BPC-157/TB-500	**Form**	Lyophilized powder
Batch	BPCTB.05.02.2026	**Labeled Qty**	20 mg
Cap Color	Red	**Crimp Color**	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Blend Avg Purity	(>98%)	99.761% ✓
Blend Avg Net Content	(20mg ± 10%)	22.30 mg ✓
Blend Identification (LC-MS)	(BPC-157/TB-500)	BPC-157/TB-500 ✓
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS ✓
Microbial Sterility Screen	(No Growth)	No Growth ✓

BATCH CONFORMITY RESULTS

Vial	Blend Purity (%)	Blend Net Content (mg)
Vial 1	99.773	23.74
Vial 2	99.748	20.86
Batch Average	**99.761%**	**22.30 mg**

BLEND COMPONENT ANALYSIS

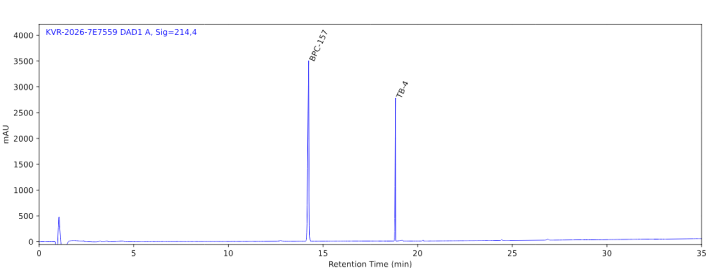
Component	Labeled	Measured
BPC-157	10 mg	11.91 mg
TB-500	10 mg	11.83 mg

HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	Negative	✓
Cadmium (Cd)	Negative	✓
Lead (Pb)	Negative	✓
Mercury (Hg)	Negative	✓

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm



Lemar Arghandiwal
Lab Director

koveralabs.com/verify

Report#: KVR-2026-7E7559
Access Code: XMCT7DO