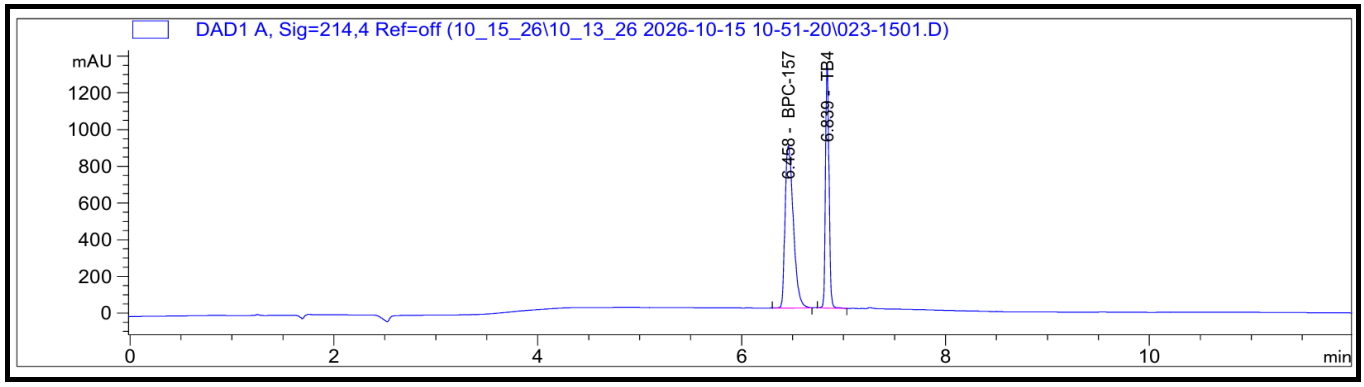
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

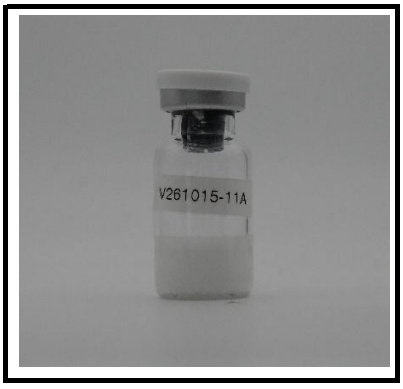
BPC-157/TB-4 20 mg

Report To:
Virtus Peptides

Compound: BPC-157/TB-4
Amount: 20 mg
Laboratory ID: V261015-11 001
Lot Number: BB20-001
Date Released: 11/1/2026



Analysis	Method	Result		
Identity	HPLC-UV/VIS	Pass - Matches Ref. Standard		
Chromatographic Purity	HPLC-UV/VIS	>99.50%	>99.50%	>99.50%
Quantity: BPC-157	HPLC-UV/VIS	10.54 mg	10.68 mg	10.38 mg
Quantity: TB-4	HPLC-UV/VIS	10.06 mg	10.20 mg	9.82 mg
Fentanyl Screening	Immunoassay	Pass - <50 ng/mL		
Gross Mass	Measured	0.076 g		



ISO 17025:2017 ACCREDITED LABORATORY

Report By: Dustin Newman, Laboratory Director on 11/1/2026

Approved By: Tori Johnson, Operations Director on 11/1/2026

Please consult A2LA Certificate #6377.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. Blend purity is the combined chromatographic area % of peaks identified as the intended components, not absolute mass purity. It does not establish individual component purity, quantity, or ratio. Co-eluting or otherwise undetected impurities may not be included, despite peak-purity and spectral-library review.

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Certificate of Analysis

BPC-157/TB-4 20 mg

Report To:
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Compound: BPC-157/TB-4
Amount: 20 mg
Laboratory ID: V261015-11 001
Lot Number: BB20-001
Date Released: 11/1/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 261019.2

Analysis	Method	Result
Endotoxins	LAL	<10.0 EU/vial
Sterility	USP <71>	No Growth Detected

**USP <85>/FDA endotoxin threshold for parenteral drugs is 5 EU/kg per hour (350 EU total for a 70 kg adult)*

Run ID: 261020, 261016

Analysis	Method	Result
Counter Ion	Ion Chromatography	Acetate
Trifluoroacetic Acid (TFA)	Ion Chromatography	ND - <0.10%

ISO 17025:2017 ACCREDITED LABORATORY

Report By: Dustin Newman, Laboratory Director on 11/1/2026

Approved By: Tori Johnson, Operations Director on 11/1/2026

ND: Non-Detect
LOQ: Limit of Quantification

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Certificate of Analysis

BPC-157/TB-4 20 mg

Report To:
Virtus Peptides

Compound: BPC-157/TB-4
Amount: 20 mg
Laboratory ID: V261015-11 001
Lot Number: BB20-001
Date Released: 11/1/2026

Residual Solvents Analysis			
Analyte	**Method**	**LOQ (ppm)**	**Result (ppm)**
Acetone	GC-MS	3.7	ND
Benzene	GC-MS	0.02	ND
Butanes	GC-MS	3.7	ND
Chloroform	GC-MS	0.02	ND
Dichloromethane	GC-MS	0.45	ND
Ethanol	GC-MS	3.7	ND
Ethyl Acetate	GC-MS	3.7	ND
Heptane	GC-MS	3.7	ND
Hexanes	GC-MS	0.21	ND
Isopropanol	GC-MS	3.7	ND
Methanol	GC-MS	2.2	ND
Pentanes	GC-MS	3.7	ND
Propane	GC-MS	3.7	ND
Toluene	GC-MS	0.66	ND
Total Xylenes	GC-MS	1.6	ND

Analysis	Method	Result
Container Closure Integrity	Dye Ingress Method	Pass

ISO 17025:2017 ACCREDITED LABORATORY

Report By: Dustin Newman, Laboratory Director on 11/1/2026

Approved By: Tori Johnson, Operations Director on 11/1/2026

ND: Non-Detect
LOQ: Limit of Quantification

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