



Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com |
summitbioanalytics.com

TESTED FOR

Vector

SAMPLE

BPC-157 / TB-500 — 10mg/10mg

PASS

BATCH #

VEC-
100031S

PURITY

99.51%

MASS

20.55 mg
per bottle

IDENTITY

Confirmed

COA #:	SBA-26-0081	Method:	Full QC Panel
Lot Number:	VEC-100031S	Analysis Date:	2026-08-06
Labeled Content:	10mg/10mg	Date Received:	2026-08-03
Sample Type:	Clear colourless solution in a 15 mL metered spray bottle	Closure:	● Black #010101



SCAN TO VERIFY

✓ Identity

✓ Purity

✓ Endotoxins

✓ Fentanyl Free

SUMMARY OF RESULTS

Analyses performed on this sample

ANALYSIS	METHOD	DATE TESTED	STATUS
Peptides	RP-HPLC / LC-MS	2026-08-04	Complete
Heavy Metals	ICP-MS	2026-08-04	Pass
Microbiological	USP <61> / <62>	2026-08-05	Pass

Test	Specification	Result
Identity	BPC-157 + TB-500	All confirmed
Purity (HPLC, aggregate)	>= 98.0%	99.51%
Blend Composition	Report only	Quantified – see composition
Content (per bottle)	Report only	20.55 mg/bottle
Fentanyl Screen (LC-MS/MS)	Not detected	Not detected

Test	Specification	Result
Endotoxins (LAL)	Report Result	0.03 EU/mL
Heavy Metals (ICP-MS)	ICH Q3D limits	All analytes within limits
Microbial Limits (USP <61>, <62>)	USP <1111> criteria	Conforms

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection; identity confirmed by LC-MS. Fentanyl screening by targeted LC-MS/MS. Full methodology available on request.

BLEND COMPOSITION Mass basis, per-component reference standards

COMPONENT	AMOUNT	SHARE OF TOTAL	IDENTITY
BPC-157	10.34 mg	50.32%	Confirmed
TB-500	10.21 mg	49.68%	Confirmed

Each component is quantified on a mass basis against its own reference standard. Share of total will not match a component's area-percent in the chromatogram — different chromophores respond differently at the monitoring wavelength. Amounts are reported as measured; this certificate does not assess them against a declared formulation.

FORMULATION Delivered dose per actuation not determined

Preservative Benzalkonium chloride 0.02% w/v

MICROBIAL LIMITS USP <61> enumeration, USP <62> specified organisms

ORGANISM	RESULT	LIMIT	STATUS
Total Aerobic Plate Count	< 10 CFU/mL	≤ 10 ² CFU/g or mL	Pass
Yeast and Mold	< 10 CFU/mL	≤ 10 ¹ CFU/g or mL	Pass
Staphylococcus aureus	Absent / 1 mL	Absent / 1 g or mL	Pass
Pseudomonas aeruginosa	Absent / 1 mL	Absent / 1 g or mL	Pass
Bile-tolerant Gram-negative bacteria	Absent / 1 mL	Absent / 1 g or mL	Pass

Microbial limits testing establishes that counts fall within the compendial criteria for this dosage form and that specified organisms are absent. It is not a test of sterility and does not support a sterility claim.

NOTES

Bottle received with tamper seal intact.

LOD = LIMIT OF DETECTION · LOQ = LIMIT OF QUANTITATION · CFU = COLONY-FORMING UNIT

Kasey Malganus

Kasey Malganus

Lab Director

2026-08-06

COA #:

SBA-26-0081

Access Code:

TYALJ6FV

Analyst:

K. Reyes

Verify:

summitbioanalytics.com/verify

Issued:

2026-08-06

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This certificate relates only to the item tested, as received. Research use only — not for human or veterinary use. A not-detected screening result describes this sample only and is not a statement about any other unit or lot.