

Certificate of Analysis

Product Information

Product Name: BPC-157 (Body Protection Compound-157)

CAS Number: 137525-51-0

Molecular Formula: C₆₂H₉₈N₁₆O₂₂

Molecular Weight: 1419.54 g/mol

Appearance: White to off-white lyophilized powder

Batch Information

Batch / Lot Number: BPC157-2025-001

Quantity: 100mg

Date of Manufacture: 20-Sep-2025

Retest Date: 20-Sep-2027

Storage Conditions: -20 °C, dry and protected from light

Analytical Results

Test	Specification	Result	Method
Identity (Mass Spectrometry)	Consistent with theoretical mass of 1419.54 Da	1419.6 Da (M+H) ⁺	ESI-MS
Purity (HPLC)	≥ 98.0 % (by area)	99.0 %	RP-HPLC
Sequence Confirmation	As per BPC-157 peptide sequence	Confirmed	MS/MS
Appearance	White to off-white lyophilized powder	White powder	Visual
Solubility	Soluble in sterile water (≥1 mg/mL)	Pass	Visual
Residual Solvent (if applicable)	≤ 0.5 %	<0.2 %	GC
Water Content (Karl Fischer)	≤ 5.0 %	2.5 %	KF titration
Acetate Content	Report only	4.9 %	Ion chromatography
Peptide Content	≥70 %	75 %	Nitrogen analysis
Endotoxin	< 0.25 EU/mg	0.08 EU/mg	LAL test
Microbial Limit Test	<100 CFU/g, no pathogens	Pass	USP <61>/<62>

Compliance Statement

The above batch of **BPC-157** complies with the stated specifications.

This batch of **BPC-157** meets all specified analytical and microbiological criteria and is suitable for **research use only**. Manufactured and tested under controlled conditions to ensure consistency, purity, and integrity.