



Certificate of Analysis

Sample Information

Product Name:	BPC-157 Lyophilized Peptide Powder 10mg
CAS Number:	137525-51-0
Client Name/Lot No:	BPC-2025-03-022
Sequence:	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val
Dissolution Condition:	Soluble in sterile water or 0.9% Sodium Chloride solution
Molecular Weight:	1419.54 Da
Length:	15 Amino Acids

Test Results

Test Parameter	Specifications	Results
Strength	10.00 mg	10.2 mg
Appearance	White to off-white lyophilized powder	Conforms
Purity (HPLC)	≥98.0%	99.50%
pH (1mg/mL in H ₂ O)	5.0-7.0	6.4
Single Impurity	≤1.0%	0.30%
Total Impurity	≤2.0%	0.60%
Heavy Metals	≤10 ppm	≤10 ppm
Water Content (KF)	≤5.0%	2.40%

Test Parameters

Parameter	Specification
Mobile Phase A	0.1% TFA in water
Mobile Phase B	0.1% TFA in acetonitrile
Flow Rate	1.0 mL/min
Detection Wavelength	220 nm
Column	C18, 4.6 × 250 mm, 5 μm
Injection Volume	20 μL
Diluent	100% sterile water

Conclusion

One 3mL vial contained a white lyophilized powder with a [color] cap. The product was analyzed using RP-HPLC and confirmed to be BPC-157 with a measured purity of 99.5%, meeting internal specifications for cosmetic and research use.

Certified by

Name: Jie Wang

Title: Analytical Chemist

Date: 2025-03-26

