

Certificate of Analysis

Product	BPC-157	CAS No.	137525-51-0
Product No.	BPC	Molecular Formula	C ₆₂ H ₉₈ N ₁₆ O ₂₂
Sequence	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Leu-Val-Pro-Leu-Lys-Met-Leu-Ala-Pro-Arg		
Batch No.	BPC-26031501	Quantity	1275.0g
Mfg. Date	Mar.13 th , 2026	Retest Date	Mar.12 th , 2028
【ITEMS】		【SPECIFICATIONS】	【RESULTS】
Appearance		White or almost white loose powder	White loose powder
Solubility		Soluble in water	Conforms
Solution clarity and color		Clear and colorless liquid(C=30mg/ml)	Conforms
Identification	HPLC	The retention time of the principal peak of the test solution corresponds to that of the reference solution, as obtained in the Assay.	Conforms
Mass spectrum	1419.6±1.0	1419.5	
Amino acid content		Gly:1.8~2.2, Glu:0.8~1.2, Pro:5.4~6.6, Lys:1.8~2.2, Ala:1.8~2.2, Asp:0.8~1.2, Leu:1.8~2.2, Val:0.8~1.2, Met:0.8~1.2, Arg:0.8~1.2	Gly:2.0, Glu:1.0, Pro:6.0, Lys:2.0, Ala:2.0, Asp:1.0, Leu:2.0, Val:1.0, Met:1.0, Arg:1.0
Related substances (HPLC)		Largest peak Detected:NMT 0.5% Total Peaks Detected:NMT 2.0%	0.15% 0.72%
Purity(HPLC)		NLT 98.0%	99.30%
pH		6.5~8.5	7.2
Acid group ions		Trifluoroacetate ion NMT 0.5% Acetate ion NMT 0.5%	N. DN. D
Water content (KF)		NMT 8.0%	3.50%



Sodium ion		1.0~2.0%	1.50%
Peptide content		NLT 90.0%	94.20%
Oligomer		NMT 0.5%	N. D
Residual solvent		Methylene chloride NMT 600ppm Acetonitrile NMT 410ppm Methyl tert-butyl ether NMT 5000 ppm DMF NMT 880ppm	N. D 58ppm N. DN. D
Bacterial endotoxins		NMT 5EU/mg	<3EU/mg
Microbial Limits		Total aerobic bacteria $\leq$ 100cfu/g Mould & Yeast $\leq$ 10cfu/g Bile tolerant enterobacteria: absence in 1g Pseudomonas aeruginosa: absence in 1g Staphylococcus aureus: absence in 1g	Conforms Conforms absent absent absent
Assay		95.0%~105.0% (Calculated on anhydrous, ion-free basis)	99.10%
Storage		Keep in tight container, protect from light, store at a temperature of $-20 \pm 5^{\circ}$ C.	
Report	Li Peng	Date	2026. 3. 13
Reviewer	Peng Hailun	Date	2026. 3. 13

Conclusion: This batch of product complies with Enterprise Standard.
It is only supplied as chemical product. It is only for ~~EU~~ use.

