

CERTIFICATION OF ANALYSIS

BPC 157 Powder (Synthetic)	CAS: 137525-51-0
Product No.:800017	Batch No.: 23080114
Date of Mfg:Sep 26, 2023	Date of Exp: Sep 25, 2025
Sequence: Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val	

Test	Specification	Result
Appearance	White powder	conforms
Solubility	Soluble in H2O	conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	conforms
Amino acid analysis	Val 0.9-1.1	Val 1.0
	Leu 0.9-1.1	Leu 1.0
	Gly 2.7-3.3	Gly 2.9
	Ala 1.8-2.2	Ala 2.1
	Asp 1.8-2.2	Asp 2.1
	Pro 3.6-4.4	Pro 4.2
	Lys 0.9-1.1	Lys 1.0
	Glu 0.9-1.1	Glu 1.0
	No more than the traces of the other amino acids are present.	No more than the traces of the other amino acids are present.
Mass spectrum	1419.6± 1.0	1419.2
Purity(HPLC)	NLT 98.0%	99.2%
Acetic acid	NMT 9.0%	0.3%
Water	NMT 7.0%	3.3 %
Peptide Content(N%)	NLT80%	93.5%
Bacterial endotoxins	Less than 10IU/mg	conforms
Total viable count	NMT 100cfu/g	conforms

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Test	Specification	Result
Heavy metal	NMT 10ppm	Conforms*
Residual solvent Methanol Acetonitrile Triethylamine	NMT 3000ppm NMT 410 ppm NMT 320 ppm	conforms

***Conclusion is based on routine test results and control of raw materials and processes.**

Storage: In an air tight container,protected from light at temperature 2-8°C.

Conclusion: the product complies with specification.

It is only supplied as chemical product. Used only for research. Not for human use.