

CERTIFICATION OF ANALYSIS

BPC 157 Powder (Synthetic)	CAS: 137525-51-0
Product No.:	Batch No.:
Date of Mfg: June 11, 2024	Date of Exp: June 10, 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 H ₂ O	conforms																																								
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in chromatogram obtained with the reference solution.	conforms																																								
Amino acid analysis	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Val</td><td>0.9-1.1</td></tr> <tr><td>Leu</td><td>0.9-1.1</td></tr> <tr><td>Gly</td><td>2.7-3.3</td></tr> <tr><td>Ala</td><td>1.8-2.2</td></tr> <tr><td>Asp</td><td>1.8-2.2</td></tr> <tr><td>Pro</td><td>3.6-4.4</td></tr> <tr><td>Lys</td><td>0.9-1.1</td></tr> <tr><td>Glu</td><td>0.9-1.1</td></tr> <tr><td>Arg</td><td>1.8-2.2</td></tr> <tr><td colspan="2">No more than the traces of the other acids are present.</td></tr> </table>	Val	0.9-1.1	Leu	0.9-1.1	Gly	2.7-3.3	Ala	1.8-2.2	Asp	1.8-2.2	Pro	3.6-4.4	Lys	0.9-1.1	Glu	0.9-1.1	Arg	1.8-2.2	No more than the traces of the other acids are present.		<table style="width: 100%; border-collapse: collapse;"> <tr><td>Val</td><td>1.0</td></tr> <tr><td>Leu</td><td>1.0</td></tr> <tr><td>Gly</td><td>3.1</td></tr> <tr><td>Ala</td><td>2.0</td></tr> <tr><td>Asp</td><td>2.1</td></tr> <tr><td>Pro</td><td>4.1</td></tr> <tr><td>Lys</td><td>1.1</td></tr> <tr><td>Glu</td><td>1.0</td></tr> <tr><td>Arg</td><td>1.0</td></tr> <tr><td colspan="2">No more than the traces of the amino acids are present.</td></tr> </table>	Val	1.0	Leu	1.0	Gly	3.1	Ala	2.0	Asp	2.1	Pro	4.1	Lys	1.1	Glu	1.0	Arg	1.0	No more than the traces of the amino acids are present.	
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Mass spectrum	1419.6± 1.0	1419.3																																								
Purity(HPLC)	NLT 98.0%	99.0%																																								
Water	NMT 7.0%	3.0 %																																								
Peptide	NLT65%	77.0%																																								
Arg content	NMT 22%	18.7%																																								

Storage: In an air tight container, protected from light

Temperature :Short Term:2-8°C ; Long Term:below-10°C

Conclusion: the product complies with specification.

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

