



## Certificate of Analysis

<b>Product</b>	BPC 157	<b>CAS No.1</b>	N/A
<b>Product No.</b>	800017	<b>Molecular Formula</b>	C <sub>62</sub> H <sub>98</sub> N <sub>16</sub> O <sub>22</sub>
<b>Sequence</b>	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val		
<b>Batch No.</b>	25061301-02	<b>Quantity</b>	541.3g
<b>Mfgr. Date</b>	Sep.03 <sup>th</sup> , 2025	<b>Retest Date</b>	Sep.02 <sup>th</sup> , 2027

【ITEMS】	【SPECIFICATIONS】	【RESULTS】
<b>Appearance</b>	White powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	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
<b>Amino acid content</b>	Val 0.9-1.1	1.0
	Leu 0.9-1.1	1.0
	Gly 2.7-3.3	2.9
	Ala 1.8-2.2	2.0
	Asp 1.8-2.2	2.0
	Pro 3.6-4.4	4.1
	Lys 0.9-1.1	1.0
	Glu 0.9-1.1	1.0
<b>Mass spectrum</b>	1419.6± 1.0	1419.3
<b>Purity(HPLC)</b>	NLT 99.0%	99.7%
<b>Acetic acid</b>	NMT 0.5%	N.D

<b>Water content(KF)</b>	NMT 7.0%	5.9%
<b>Peptide content(%)</b>	NLT80.0%	93.8%
<b>Heavy metal</b>	NMT 10ppm	Conforms
<b>Residual solvent</b>	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410ppm	N.D
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
<b>Bacterial endotoxins</b>	NMT 5EU/mg	Conforms
<b>Microbial limits</b>	TAMC NMT 100cfu/g TYMC NMT 100cfu/g	Conforms
<b>Storage</b>	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
<b>Conclusion: This batch of product complies with Enterprise Standard.</b>		

Reported By: Yunke Dong Reviewed By: Yunke Dong Date: 2025-02-09