

HYGENEPHARMA COMPANY LIMITED

Certificate of Analysis

Product Name	Pentadecapeptide BPC157+Arg		
CASNo.	—	Batch No.	2025030101
Molecular Formula	$C_{62}H_{98}N_{16}O_{22} \cdot C_6H_{14}N_4O_2$	Date of Producing	2025/03/20
Molecular Weight	1593.74	Retest Date	2027/03/19
Date of Survey	2025/03/25	Condition of Storage	-20±5°C
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤10.0%	3.5%
Acetic Acid (By HPLC)	≤0.5%	0.18%
Arg Content	10.9±1.0%	10.9%
Peptide Purity (By HPLC)	≥98.0%	99.5%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.5%
	Largest Single Impurity(%)≤1.0%	0.1%
Organic Solvent Residue	Acetonitrile≤0.041%	<0.041%
	Dichloromethane≤0.060%	<0.060%
	N,N-Dimethylformamide≤0.088%	<0.088%
Bacterial Endotoxins	<10EU/mg	<10EU/mg
Conclusion:the product conforms with enterprise standard and qualified		

The product is for compliant use only.

Analyst:Cheng Diya

QC Director:Ling Cheng

Checker:Shi Ru

