

HYGENEPHARMA COMPANY LIMITED

Certificate of Analysis

Product Name	Pentadecapeptide BPC157+Arg		
CASNo.	—	Batch No.	2025021101
Molecular Formula	C62HgsN16O22 • C6H14N4O2	Date of Producing	2025/02/26
Molecular Weight	1593.74	Retest Date	2027/02/25
Date of Survey	2025/03/03	Condition of Storage	10mg/vial
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%	3.9%
Acetic Acid (By HPLC)	≤0.5%	0.3%
Arg Content	10.9±1.0%	10.2%
Peptide Purity (By HPLC)	≥98.0%	99.6%
Related Substance (By HPLC)	Total Impurities(%) ≤2.0%	0.4%
	Largest Single Impurity(%) ≤1.0%	0.2%
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
Assay	95%-105%	100.1%
Conclusion:the product conforms with enterprise standard and qualified		

The product is for compliant use only

Analyst:Hou Jieling

QC Director:Ling Cheng

Checker:Shi Ru

