

Certification of Analysis

Product Name	BPC157 Acetate	CAS No.	
Molecular	C62H98N16O12	Batch No.	
Molecular Weight	1419.57	Manufacturing Date	20191128
Storage	Cool dry place	Retest Date	
Sequence	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val		
TEST		SPECIFICATION	RESULT
1	Appearance	White powder	White powder
2	Solubility	Soluble in water or acetic acid at a to give a clear, colorless solution	Conforms
3	Identification (MS)	1419.57±1.0	1420.5
3	Amino Acid Composition	±10% of theoretical	Conforms
4	Peptide Purity (By HPLC)	≥98.0% by area integration	98.46%
5	Related Substance (By HPLC)	Total Impurities(%)≤2.0% Largest Single Impurity(%)≤1.0%	1.54% 0.69%
6	Acetate Content (By HPLC)	≤15.0%	11.6%
7	Water Content (Karl Fischer)	≤8.0%	4.7%
8	Bacterial Endotoxins	≤5EU/mg	Conform
9	Peptide Content (N determination)	≥80.0%	84.9%
10	Assay (By Anhydrous, Acetic)	95.0~105.0%	96.5%