

## Certificate of Analysis

### pentadecapeptide BPC 157 GT-A015

Product Name : pentadecapeptide BPC 157 CAS No. :  
Molecular Formula: C<sub>62</sub>H<sub>98</sub>N<sub>16</sub>O<sub>22</sub> Molecular Weight : 1419.75  
Quantity: 164.5g Manufacturing Date: 2018-11-27  
Lot No: P181103-A015 Retest Date : 2020-11-27  
Sequence Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val  
Store at : Cool dry place( 2-8°C, away from the light)

Tests :	Specifications	Results
Appearance	White powder	Conforms
Purity(HPLC)	≥98%	98.32%
Single Impurity (HPLC)	≤2.0%	Conforms
Acetate Content(HPLC)	≤12.0%	4.6%
Peptide Content (N%)	≥80.0%	88.7%
Water Content (Karl Fischer)	≤10.0%	2.5%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Conclusion: Complies with the manufacturer's standard.

Quality Control by : Keshuang Wang 2018-11-27  
Quality Assured by Yiming Cheng 2018-11-27

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant.
  - 2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.
  - 3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.  
It is NOT a drug or a controlled substance.
  - 4) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- The Material is NON-HAZARDOUS  
For Laboratory Research Use Only