

Certificate of Analysis

TB500 GT-A014

Product Name : TB500 CAS No. : 77591-33-4
Molecular Formula: C212H350N56O78S Molecular Weight : 4963.49
Quantity: 80g Manufacturing Date: 2018-12-20
Batch NO: P180320-A014

Sequence Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr
-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly
-Glu-Ser-OH

Store at : Cool dry place(-20°C, away from the light)

Tests :	Specifications	Results
Appearance	White powder	Conforms
Purity(HPLC)	≥98%	98.23%
Single Impurity (HPLC)	≤2.0%	Conforms
Peptide Content (N%)	≥80.0%	84.1%
Water Content (Karl Fischer)	≤8.0%	6.9%
Acetate Content (HPIC)	≤12.0%	7.6%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms
Conclusion: Complies with the manufacturer's standard.		

Quality Control by : Bingxin Xie 2018-12-22

Quality Assured by Yiming Cheng 2018-12-22

- 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.

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