

# Certificate of Analysis

|                    |                                                                     |
|--------------------|---------------------------------------------------------------------|
| Product name       | TB500                                                               |
| Molecular Formula  | C <sub>212</sub> H <sub>350</sub> N <sub>56</sub> O <sub>78</sub> S |
| Molecular Weight   | 4963.44                                                             |
| Batch No.          | 20250716-2                                                          |
| Quantity           | 98.0g                                                               |
| Manufacturing Date | Jul.16, 2025                                                        |
| Expiry Date        | Jul.15, 2027                                                        |
| Store at           | Keep in dark and cool dry place                                     |

| Items                 | Standards                  | Results  |
|-----------------------|----------------------------|----------|
| Appearance            | White to off-white powder  | Complies |
| Identity by MS        | Theoretical MW: 4963.44    | Complies |
| Purity (HPLC)         | ≥ 99.0%                    | 99.44%   |
| Peptide Content(By N) | ≥80.0%                     | 87.67%   |
| Water (K.F.)          | ≤7.0%                      | 3.77%    |
| Acetic acid content   | ≤15.0%                     | 4.72%    |
| Solubility            | ≥2mg/ml(H <sub>2</sub> O ) | Complies |
| Conclusion            | Conforms to standard       | Complies |

Notes: for research use only

**Q. C. Manager:xiqing**

**2025-09-04**

**Inspector: Lukangmei**

**2025-09-04**