

## Certificate of Analysis

### TB-500 2MG (Thymosin Beta-4 Fragment)

**Product Name:** TB-500 2MG  
**Cat. No:** HL-TB500-2  
**CAS No:** 77591-33-4  
**PubChem CID:** 16132386  
**Batch No:** J100252  
**Content:** 2mg

#### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C212H350N56O78S  
**Molecular Weight:** 4963.48 g/mol  
**Storage:** Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month  
In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week  
**Chemical Structure:** [See product datasheet for full structural diagram]

#### ANALYTICAL DATA

Test Items	Specifications	Results
Appearance:	White lyophilized solid powder	Conforms
Purity (HPLC):	>98.0%	98.3%
TFA Content:	<0.50%	Conforms

Conclusion: The product has been tested and complies with the given specifications.

**NOT FOR HUMAN CONSUMPTION / RESEARCH ONLY**

Caution: Product has not been fully validated for medical applications.