

# CERTIFICATE OF ANALYSIS

Product Name	TB-500	CAS NO.	77591-33-4
Batch NO.	NCTB251110	Molecular formula	C212H350N56O78S
Manufacture Date	Nov. 10, 2025	Molecular weight	4963.44
Reference standard	Enterprise Standard		

TEST	SPECIFICATION	RESULTS
Appearance	White or almost white fluffy powder	Conforms
Identity by HPLC	The retention time of the main principal of the test Solution corresponds to that of the reference Solution, as obtained in the assay	Conforms
Solubility	Soluble in H <sub>2</sub> O	Conforms
Purity(HPLC)	≥ 98%	99.1%
Acetic Acid	≤ 5.0%	0.09%
Water	≤ 8.0%	5.69%
Trifluoroacetic acid	≤ 0.5%	Not detected
pH	4.0~6.0	4.93
Related Substances	Total impurities ≤ 2.0%	0.9%
	Large Single Impurity ≤ 1.0%	0.55%
Bacterial Endotoxins	≤ 10 EU/mg	Conform
Peptide Assay	≥ 90.0%	92.32%
Conclusion	This product conforms to the Enterprise Standard.	

**Note: this product is intended for research use only**

**Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.**

**QC DIRECTOR: GE LINGLING**

**CHECKER:MIUQIN**

**INSPECTOR:QIAN YUN**