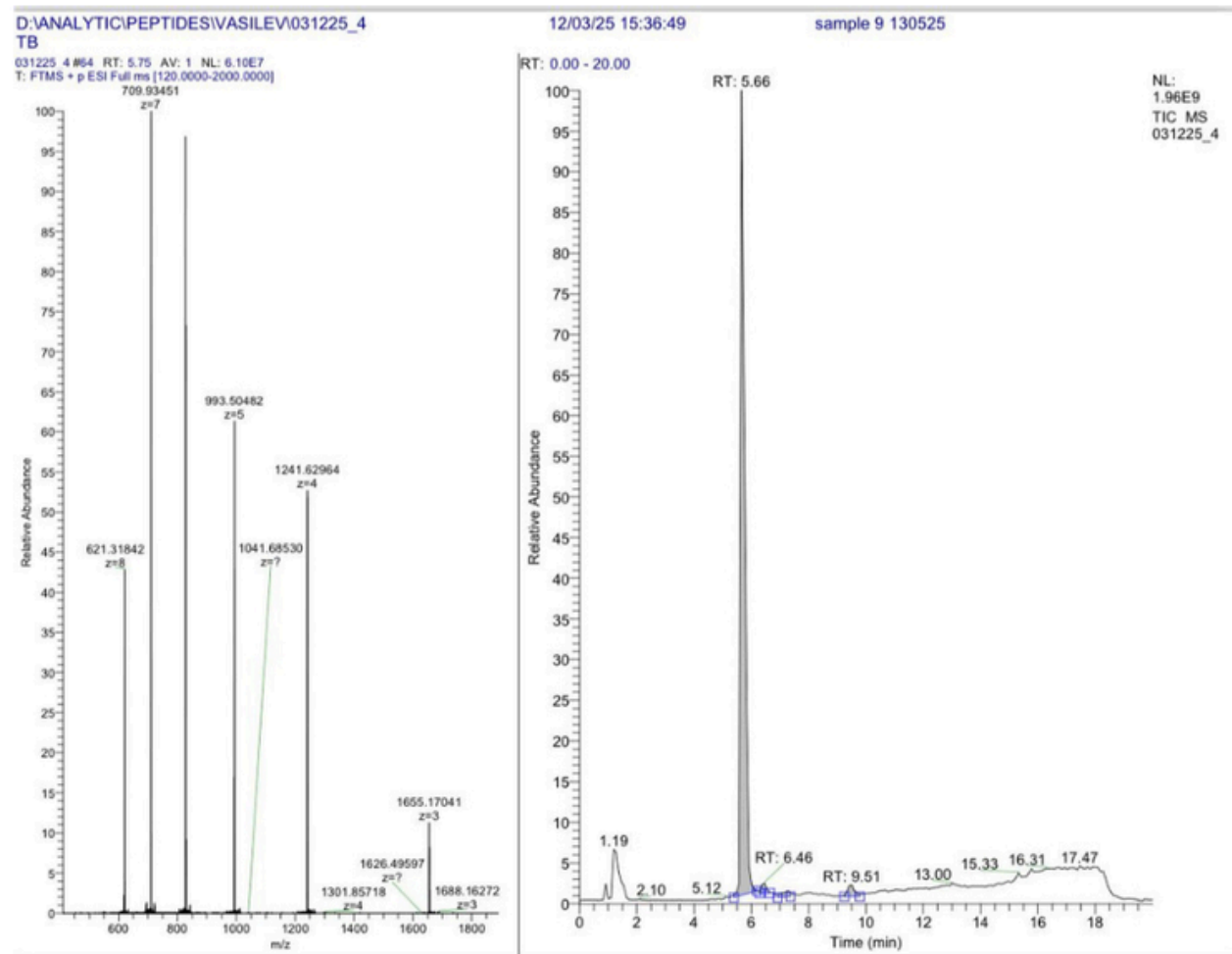




Certificate of Analysis

Product Name	TB 500 TY-A-11010	CAS No.	77591-33-4
Molecular Formula	C ₂₁ H ₃₅ O ₅ N ₆ S	Molecular Weight	4963.51
Batch No.	P2025102211010	Quantity	832.11g
Mfgr. Date	2025-10-22	Retest Date	2027-10-22
Tests	Specification	Results	
Appearance	A white or off-white powder	White powder	
Solubility	Soluble in water(100mg/ml)	Conforms	
Monoisotopic Mass	4960.49 ± 1.0Da	Conforms	
Water Content	≤ 5.0%	2.0%	
Purity (HPLC)	≥ 98.0%	99.08%	
Related substances (HPLC)	The largest individual impurity test	≤ 1.0%	0.39%
	The total impurities test	≤ 2.0%	0.92%
Residual solvent(GC)	DCM	≤ 600ppm	N.D
	ACN	≤ 410ppm	39ppm
	MetOH	≤ 000ppm	N.D
	DMF	≤ 880ppm	N.D
Acid goup ions	TFA	≤ 0.1%	N.D
	HAC	≤ 15.0%	10.7%
Microbiological tests	Acrobic Bacterial count	≤ 100cfu/g	Confoms
	Yeast and Mould	≤ 10cfu/g	Confoms
Bacterial Endotoxins	≤ 5EU/mg		Confom
Peptide Content	≥ 80.0%		86.5%
Conclusion: Complies with the manufacturer's standard.			

Quality Control by :	2025-10-22
Quality Assured by:	2025-10-22





It is not derived from human, animal or plant.

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.

The material is NOT hazardous, nor infectious. The material is NOT an immunogen. It is NOT a drug or a controlled substance.

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



Certificate of Analysis

Product Name	TB 500 TY-A-11010	CAS No.	77591-33-4
Molecular Formula	C212H350N56O78S	Molecular Weight	4963.51
Batch No.	P2025102211010	Quantity	832.11g
Mfgr. Date	2025-10-22	Retest Date	2027-10-22
Tests	Specification		Results
Appearance	A white or off-white powder		White powder
Solubility	Soluble in water(100mg/ml)		Conforms
Monoisotopic Mass	4960.49 ± 1.0Da		Conforms
Water Content	≤ 5.0%		2.0%
Purity (HPLC)	≥ 98.0%		99.08%
Related substances (HPLC)	The largest individual impurity test ≤ 1.0%		0.39%
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Quality Control by :	2025-10-22
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