



CERTIFICATE OF ANALYSIS

TB-500 (Thymosin Beta-4 Fragment) · 5mg

PRODUCT SPECIFICATIONS

Product Name	TB-500 (Thymosin Beta-4 Fragment)
CAS Number	77591-33-4
PubChem CID	16132341
Molecular Formula	$C_{212}H_{350}N_{56}O_{78}S$
Molecular Weight	4963.0 g/mol
Appearance	White to off-white lyophilised powder
Storage	Powder: -20°C 3 years; 4°C 2 years; 15°C 3 months. In solvent: -80°C 6 months; -20°C 1 month; 10°C 1 week.

TEST RESULTS

Test	Specification	Result	Status
Appearance	White to off-white lyophilised powder	Conforms	PASS
Purity (HPLC)	≥ 98.5%	98.96%	PASS
TFA Content	< 0.50%	Conforms	PASS

Certified by:

Dr. Sarah Chen, PhD

Senior Analytical Chemist, NovaCert

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CAUTION: THIS PRODUCT HAS NOT BEEN APPROVED FOR HUMAN CONSUMPTION. FOR RESEARCH USE ONLY.