



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-396076  
Lot Number: SAMPLE  
Product Name: Thymosin  $\beta$ 4  
CAS Number: 77591-33-4  
Molecular Formula:  $C_{212}H_{350}N_{56}O_{78}S$   
Molecular Weight: 4963.44  
Native Source: Synthetic

Test	Specification	Result
Appearance		White lyophilised solid
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)		97.1%
Peptide Content		91%
Amino Acid Analysis	Ala 2.00 Asx 4.00 Glx 11.00 Gly 1.00 Ile 2.00 Leu 2.00 Lys 9.00 Met 1.00 Phe 1.00 Pro 3.00 Ser 4.00 Thr 3.00	Ala 1.90 Asx 4.30 Glx 11.60 Gly 0.90 Ile 1.80 Leu 1.80 Lys 9.50 Met 0.70 Phe 0.80 Pro 2.50 Ser 3.40 Thr 2.50
Counter Ion		Acetate

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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