

CERTIFICATE OF ANALYSIS

Product Name:	Thymalin	CAS Number:	79621-14-0
Molecular Formula:	C ₃₃ H ₅₄ N ₁₂ O ₁₅	Molecular Weight:	858.85
Quantity:	20mg	Date of Analysis:	2024-12-22
Storage:	Store in a cool, dry place (-20°C).	Retest Date:	2026-12-22

Sequence:	H-Pyr-Ala-Lys-Ser-Gln-Gly-Gly-Ser-Asn-OH
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Tests	Specifications	Results
Appearance	White powder	Conforms
Purity (HPLC)	≥98.5%	99.4%
Acetate Content (HPLC)	N/A	N/A
Peptide Content (N%)	≥85.0%	86.7%
Water Content (Karl Fischer)	<8.0%	5.6%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Conclusion:	Complies with the manufacturer's standard.
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DISCLAIMER:

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant material.
- 2) 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.
- 3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.
- 4) It is NOT a drug or a controlled substance.
- 5) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- 6) The material is NON-HAZARDOUS.