

PRODUCT INFORMATION

Field	Details
Product Name	Thymalin (Thymulin / STF)
Synonyms	Thymulin · Nonathymulin · Serum Thymic Factor (STF) · FTS
CAS Number	63958-90-7
Molecular Formula	
Molecular Weight	C ₃₃ H ₅₄ N ₁₂ O ₁₅
Quantity / Form	858.86 Da
Amino Acid Sequence	10 mg White Lyophilized Powder
N-terminal Feature	pGlu-Ala-Lys-Ser-Gln-Gly-Gly-Ser-Asn-OH
Activity Note	
CoA Number	Pyroglutamate (pGlu) — blocked N-terminus, no free NH2
Lot Number	Zinc ion (Zn ²⁺) required for full biological activity
	BPL872999
	38209872
Report Date	29/08/2026



Scan me!

INSTRUMENT & METHOD — CHARLES RIVER ENDOSAFE® PTS™

Parameter	Details
System	Charles River Endosafe® PTS
Cartridge Type	PTS2001F (0.0050,5 EU/mL)
Detection Method	Kinetic Turbidimetric LAL
Sample Preparation	1:10 dilution in LAL-grade WFI
Incubation Temperature	37 ± 1 °C
Standard Endotoxin	CSE, NIST-traceable
Spike Recovery Range	50200% (passing criteria)
Analyst	-
	Jeffrey Collins — TrueMetricsLab

OVERALL ENDOTOXIN RESULT

< 0.05 EU/mL

Specification: < 1.0 EU/mg | Dilution: 1:10 | Date: 29/08/2026

PASS

ENDOTOXIN TEST RESULTS

Sample ID	Dilution	Detected (EU/mL)	Detected (EU/mg)	Specification	Spike Recovery	Result
THY-10mg-A (38209872)	1:10	< 0.005	< 0.05	< 1.0 EU/mg	85.6%	PASS
THY-10mg-B (replicate)	1:10	< 0.005	< 0.05	< 1.0 EU/mg	92.1%	PASS
Positive Product Control	1:10 + spike	0.487	-	50200% recovery	97.4%	PASS

BiopelabsLaboratories·TrueMetricsLab·CoA #BPL872999 · Lot: 38209872 · Form 1

AUTHORIZATION & RELEASE

— LAL Endotoxin Report · Thymalin (RTehsyemaucrlihn u/ sSeT oFn) l y1.0 N motg f o · r h2u9m/0a8n/2o0r2v6eterinary diagnost

Reviewed & Released by

Jeffrey Collins

Operations Manager

Biopelabs Laboratories



Report Date / Reference

29/08/2026

Lot: 38209872

CoA: BPL872999

Solubility / Storage

Deionized Water or WFI

-20 °C · desiccated

Protected from light

