

Client: Alpha Polaris Labs

Certified: 05/28/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	TB-500 (Thymosin B4)	Form	Lyophilized powder
Batch	batch-atb1001	Labeled Qty	10 mg
Mol. Formula	C212H350N56O78S	CAS Number	77591-33-4
Cap Color	Black	Crimp Color	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT	
Batch Avg Purity	(>98%)	99.229%	✔
Batch Avg Net Content	(~10mg)	9.62 mg	✔
Identity Confirmation (LC-MS)	(TB-500 (Thymosin B4))	TB-500 (Thymosin B4)	✔
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS	✔

HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	Negative	✔
Cadmium (Cd)	Negative	✔
Lead (Pb)	Negative	✔
Mercury (Hg)	Negative	✔

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.151	9.63
Vial 2	99.307	9.61
Batch Average	99.229%	9.62 mg

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm

