

Client: Glacier Aminos

Certified: 05/27/2026

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	Thymosin alpha-1	Form	Lyophilized powder
Batch	ta10ga-04	Labeled Qty	10 mg
Mol. Formula	C129H215N33O55	CAS Number	1337515-90-8
Cap Color	black	Crimp Color	silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Batch Avg Purity	(>98%)	99.664%
Batch Avg Net Content	(~10mg)	11.95 mg
Identity Confirmation (LC-MS)	(Thymosin alpha-1)	Thymosin alpha-1
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS
Fentanyl Presence Analysis	(Not Detected)	Not Detected
Rapid Sterility Screening	(No Growth)	No Growth

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	99.458	11.96
Vial 2	99.821	11.73
Vial 3	99.714	12.16
Batch Average	99.664%	11.95 mg

CHROMATOGRAM

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

