KMD·ANALYTICAL

INDEPENDENT ANALYTICAL TESTING LABORATORY

Certificate of Analysis

Certificate VBL-20261001-GB9R-01 · Page 1 of 1

Verify at kmdanalytical.com/verify

SCAN TO VERIFY

CLIENT / BRAND	BATCH ID	CLIENT BATCH / LOT	COMPOUND	SAMPLE (AS RUN)	DATE RECEIVED
[redacted] Supplier name redacted	VBL-20261001-GB9R	VB-2609-01-DB	Thymosin Alpha-1	VBL-20261001-GB9R-01	01 OCT 2026

DATE ANALYZED: 07 OCT 2026

CHROMATOGRAPHIC PURITY

99.99%

OF TOTAL PEAK AREA

CONTENT PER VIAL

10.09

MG PER VIAL

LABEL CLAIM: 10 MG — 100.9% OF CLAIM · SPEC ≥ 90%

RETENTION TIME

6.879

MINUTES · MAIN PEAK

Overall: Conforms to specification — **Identity Conforms** (RT + UV vs. reference); sample meets the acceptance criteria below.

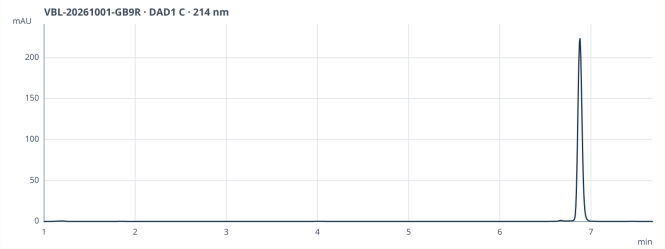
SPEC SET IS CLIENT / METHOD-DEFINED

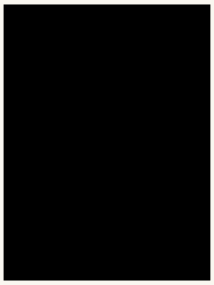
SUMMARY OF RESULTS

TEST	SPECIFICATION	RESULT	STATUS
Appearance	White lyophilized powder	Clear, colorless	Conforms
Purity (HPLC, area %)	≥ 95.0%	99.99%	Conforms
Content (mg/vial)	≥ 90% of label claim (10 mg)	10.09 mg (100.9% of claim)	Conforms

CHROMATOGRAM & SAMPLE REFERENCE

HPLC CHROMATOGRAM — main peak 6.879 min





Supplier-branded vial photo redacted

How to read this. Chromatographic purity is the percentage of total integrated peak area — how much of the detected material is the target peptide versus impurities. It is **not** a measure of net peptide mass content (what fraction of the powder is peptide versus counter-ion, water, or residual solvent). That mass content is measured separately and reported above as **content per vial** (mg net peptide). Results apply only to the sample submitted.

AUTHORIZED SIGNATORY · KMD ANALYTICAL

Kevin Doud

Kevin Doud

Laboratory Director

DATE OF ISSUE

07 OCT 2026

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