



Certificate of Analysis

Analytical Testing Report · Thymosin Alpha-1

SAMPLE IDENTIFICATION

Analyte †	Thymosin Alpha-1	Date requested	—
Client	Pure North Peptides	Date received	4 Sep 2026
Vendor / brand †	purenorthpeptides.com	Date tested	9 Sep 2026
Lot number †	PNP-TA1-2619	Date reported	12 Sep 2026
Molecular formula	Not determined	Sample ID	SAMPLE-TA1-091226
Theoretical mass	Not determined	Quantity received †	One sealed vial, lyophilized
Condition on receipt	Intact and sealed on arrival, label legible.		

† Client-declared information. Results apply to the sample tested. Full reporting statements accompany the online verification record.

HPLC-UV PURITY & CONTENT ANALYSIS

METHOD · RP-HPLC-UV 220 NM · SPEC ≥ 98.0%

Expected content †
LABEL CLAIM

10.00 mg

Mass
SAMPLE AS RECEIVED

9.94 mg

Purity
HPLC AREA PURITY

98.91%

Fill accuracy
MASS OVER LABEL CLAIM

99.4%

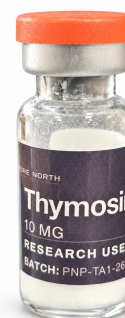


Fig. 1 · Product photograph

APPEARANCE

Appearance	White lyophilized powder
Cap colour	Orange

PURITY CONFORMS

Measured against the client-supplied specification ≥ 98.0% for area purity, the material described above meets that specification. Decision rule: simple acceptance, the acceptance limit equal to the specification limit, no guard band applied. Conformity applies to that specification only.

DETECTION
220 nm

FLOW RATE
1.0 mL/min

COLUMN
C18, 4.6 x 150 mm, 5 µm

INJECTION
20 µL

MOBILE PHASE
Water / acetonitrile, 0.1% TFA

RUN TIME
25 min

GRADIENT
5 to 65% B over 20 min

INTEGRATION
Area % of total response

Content calibrated against Thymosin Alpha-1 working standard, qualified in house. Calculation basis: As received, uncorrected for water and counter-ion content.

AUTHORISATION CONTROLLED CERTIFICATE RECORD

Canada Peptide Testing
RECORD ENTRY

Canada Peptide Testing
CERTIFICATE RELEASE
2026-09-12

Verify this certificate

Scan for the current certificate, signed results and reporting statements.

canadapeptidetesting.com/certificates/CPT-TA1-10-091226

Record b0fcb50138a67f142166b625 · signing key k1

Verification key P596KHRQYHJ2



SCAN TO VERIFY