Thymosin Alpha-1

Certificate of Analysis & Complete Test Results

✓ VERIFIED & CERTIFIED

TEST DATE

Feb 15, 2026

BATCH NUMBER

110150

PURITY LEVEL

99.33%

Certificate of Analysis

High-Performance Liquid Chromatography

Client:

Peptides Canada

Sample Name:

Thymosin Alpha-1

Batch #:

110150

Report Date:

02/16/2026

Test:

Purity

Receipt Date:

02/14/2026

Analysis Date:

02/15/2026

Matrix:

Powder

Number of samples:

1

Purity: 99.33%

Research-grade specification: ≥95.0% — this batch exceeds specification.

Date File	110150_MS2_posneg_ThymosinA1_Lot110150_purity.d	**Sample Name**	ThymosinA1_Lot110150_purity
Sample Type	Sample	**Position**	P7-04
Instrument Name	LCMS-7800 Series	**Username**	-
Acq Method	ThymosinA1_purity_5mg.m	**Acquired**	02/15/2026 10:18:56 AM
IRM Calibration Status	Calibrated	**Time**	(UTC-07:00)
Comment	Sample test for purity and molecular confirmation of Thymosn Alpha-1 Batch 110150	**DA Method**	SignalToNoiseCheckout.m
Sample Group	Test Batch 5	**Info.**	-
Stream Name	LC1	**Acquisition**	02/15/2026 10:18:56 AM
Acquisition SW Version	6400 Series Triple Quadrupole B.09.00 (89037.0)	**Time (Local)**	(UTC-07:00)

Peak List

Time	Area	% Area
4.57 min	5189.4	99.33 %
6.18 min	34.8	0.67 %

*** determined as Thymosin Alpha-1 based on retention time**

Note: Percent area between two compounds is not quantitative due to variable extinction coefficients.

Test Screen

UV Chromatogram:

Identity: Thymosin Alpha-1

(Other names: Thymosin Alpha-1, thymalfasin)

CAS: 62304-98-7

Data

Mass Spectrum

MSMS ID — head to tail database matching

Mass Spectrum Peptide Envelope encompasses the 2-6 positive change states conferring Peptide Mass

Thymosin Alpha-1

Expected Mass: 3108.3

Observed Mass: 3108.3

Reviewed and approved by:

Herman Lelie

Pepslab.ca LLC. All test results are the responsibility of the client. This report relates only to the samples tested. The analyses were performed except as indicated. Samples are within quality control criteria and area specifications unless noted.