Elementrix

CERTIFICATE OF ANALYSIS

TB-500 / Thymosin Beta-4

10mg / vial

REPORT NUMBER
ELX-20260813-17122

CERTIFIED
August 13, 2026

VERIFIED CERTIFICATE Status: **PASSED ALL TESTS**

PURITY	NET CONTENT	IDENTITY	STERILITY	ENDOTOXIN	HEAVY METALS
99.28%	10.38 mg	PASS	PASS	PASS	PASS

SAMPLE

Client / Brand	Aclopiel peptides
Product	TB-500 / Thymosin Beta-4
Batch number	TBT-260813-K4
Product form	Lyophilized powder
Labeled quantity	10mg / vial
Molecular formula	C212H350N56O78S
CAS number	77591-33-4
Cap color	Yellow

RESULTS

Purity	99.28%
Net content	10.38 mg
Identity LC-MS	Confirmed
Endotoxin (LAL)	0.03 EU/mL
Sterility	No growth
Heavy metals	< 0.1 ppm

As 0.067 ppm · Cd 0.035 ppm · Pb 0.027 ppm · Hg 0.027 ppm

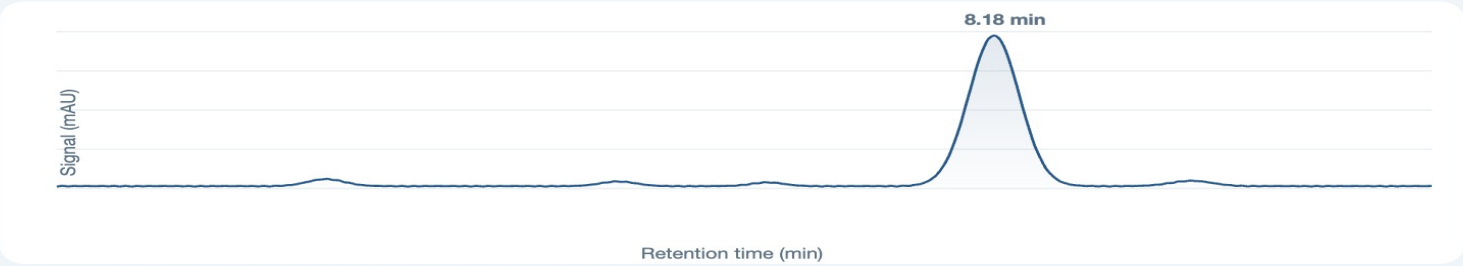
ADDITIONAL TESTS

Fentanyl Presence Analysis	Not detected

BATCH CONFORMITY

VIAL	PURITY	NET CONTENT
V-01	99.9%	9.24 mg
V-02	98.49%	11.59 mg
V-03	99.46%	10.32 mg
Batch average	**99.28%**	**10.38 mg**

HPLC CHROMATOGRAM



Generated chromatogram visualization — not raw HPLC data.

METHOD	COLUMN	DETECTION	RETENTION TIME
RP-HPLC (USP <621>)	C18, 4.6 × 150 mm, 3.5 µm	UV 214 nm	8.18 min

AUTHORIZED BY
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Elementrix Analytical

QR VERIFICATION
Scan to verify authenticity
elementrix.pro/verify/ELX-20260813-17122

CERTIFICATE REFERENCE
Report # ELX-20260813-17122
Access Code ELX-374041
Batch TBT-260813-K4