



TB-500 / Thymosin Beta-4

10mg / vial

✓ **VERIFIED CERTIFICATE** Status: **PASSED ALL TESTS**

PURITY	NET CONTENT	IDENTITY	STERILITY	ENDOTOXIN	HEAVY METALS
99.43%	9.86 mg	PASS	PASS	PASS	PASS

SAMPLE

Client / Brand	Peptora
Product	TB-500 / Thymosin Beta-4
Batch number	TBT-260615-R6
Product form	Lyophilized powder
Labeled quantity	10mg / vial
Molecular formula	C212H350N56O78S
CAS number	77591-33-4
Cap color	Yellow

RESULTS

Purity	99.43%
Net content	9.86 mg
Identity LC-MS	Confirmed
Endotoxin (LAL)	0.28 EU/mL
Sterility	No growth
Heavy metals	< 0.1 ppm
As 0.044 ppm · Cd 0.013 ppm · Pb 0.063 ppm · Hg 0.019 ppm	

ADDITIONAL TESTS

Fentanyl Presence Analysis	Not detected
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BATCH CONFORMITY

VIAL	PURITY	NET CONTENT
V-01	98.93%	11.04 mg
V-02	99.77%	9.02 mg
V-03	99.59%	9.53 mg
Batch average	99.43%	9.86 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	8.28 min