

ChromIQ Analytical Laboratory

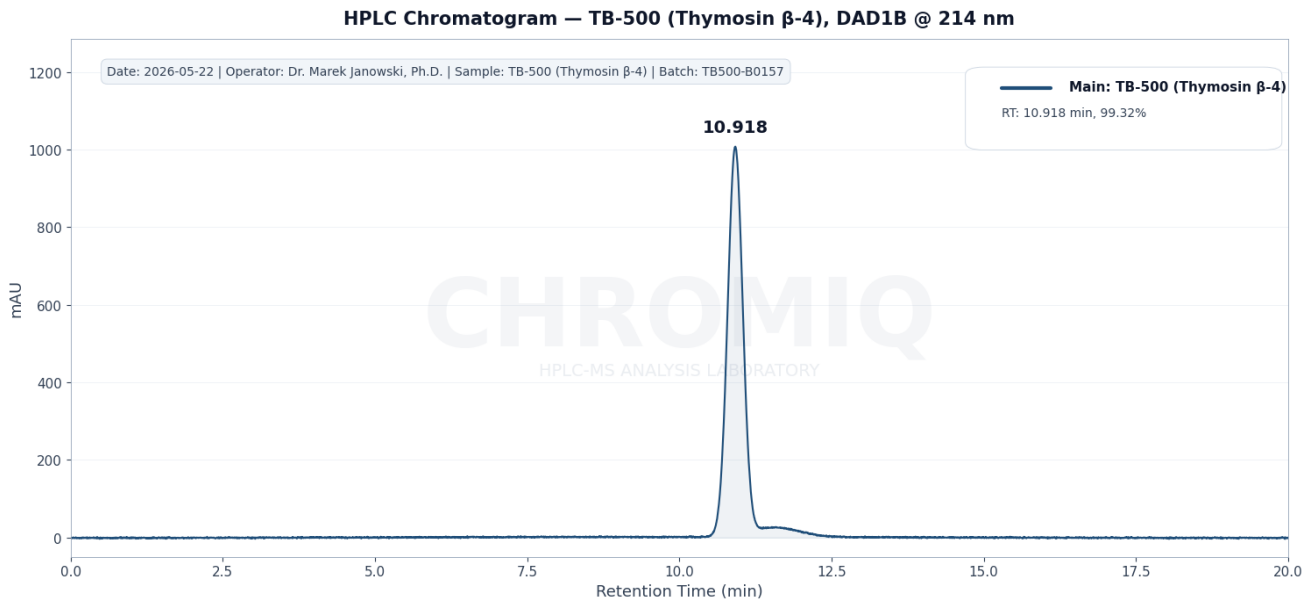
HPLC-MS Quality Control & Peptide Purity Analysis

Website: chromiq.com | Email: qc@chromiq.com

PRODUCT DATA

Product	TB-500 (Thymosin β-4)	Batch	TB500-B0157
CAS	77591-33-4	Formula	C212H350N56O78S
Appearance	White lyophilized powder	Mol. Wt.	4963.44 g/mol
Quantity	5 mg / vial	Purity	99.32%
Content	5.06 mg	Analysis Method	RP-HPLC, UV 214 nm C18, 100 \times 2.1 mm, 2.7 μ m Flow: 0.40 mL/min Gradient: 5-95% ACN over 20 min Inj.: 10.0 μ L
Analysis Conducted	2026-05-22	Principal Chemist	Dr. Marek Janowski, Ph.D.
Produced	2026-05-20	Storage	Store at -20 $^{\circ}$ C, protect from light
QC Status	PASS — conforms to specification	Report No.	CIQ-RPT-B0157

HPLC CHROMATOGRAM

Method: RP-HPLC, UV 214 nm | C18, 100 \times 2.1 mm, 2.7 μ m | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 20 min | Inj.: 10.0 μ L

Signal: UV 214 nm | Detector: DAD1B

Mobile Phase: H₂O/ACN + 0.1% TFA

Dr. Marek Janowski, Ph.D.

Principal Chemist · 2026-05-22

A. Reynolds, QA Manager

Quality Assurance · 2026-05-23

This certificate applies only to the batch identified above. For laboratory and research use only — not for human or veterinary use, diagnosis, or therapeutic application. © ChromIQ Analytical Laboratory · chromiq.com