



ChromIQ Analytical Laboratory

HPLC-MS QualityControl & PeptidePurityAnalysis

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

PRODUCT DATA

Product	TB-500 (Thymosin β -4)	Batch	TB500-B0395
CAS	77591-33-4	Formula	$C_{20}H_{35}O_{16}N_2S$
Appearance	White lyophilized powder	Mol. Wt.	4963.44 g/mol
Quantity	10 mg / vial	Purity	99.63%
Content	10.06 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-B0395

HPLC CHROMATOGRAM

Signal: UV 214 nm Detector: DAD1B

Method: Column: C18, 100 \times 2.1 mm, 2.7 μ m | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 20 min | Injection: 10.0 μ L

Mobile Phase: H₂O/ACN + 0.1% TFA

