

Nootropix Technical Data Sheet

TB-500 (Thymosin β 4 Fragment)

1. Product Overview

Product Name:	TB-500 (Thymosin β 4 Fragment)
Synonyms:	Thymosin Beta-4 (17-23)
Category:	Peptide / Research Use Only
Manufacturer:	BT Labs
Origin:	Synthetic

2. Analytical Data

Assay / Purity:	99.9 % (≥ 98 % spec)
Mass Spectrometry:	Confirmed identity
Appearance:	White powder
Molecular Formula:	C40H67N11O9S
Molecular Weight:	882.08 g/mol

3. Batch Verification

COA Reference:	IF-824-QSA-TR006-2025-90-3
Verified On:	09 / 20 / 2025
Testing Laboratory:	BT Labs

4. Handling & Storage

Storage (lyophilized):	Below 0 °C, protected from light and moisture.
Storage (reconstituted):	2–8 °C; avoid freeze–thaw cycles.
Reconstitution:	Add bacteriostatic water to desired concentration; swirl gently; do not vortex.

5. Safety & Disclaimer

For laboratory research use only (RUO). Not intended for human or veterinary use. Handle using standard biosafety PPE and procedures. Dispose of materials according to local regulations.

6. Brand Information

Nootropix · Dubai, UAE
Website: <https://nootropix.shop>
Email: support@nootropix.shop