

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

TB-500 - 10mg

Tested for: Amino Club
aminoclub.com

PASS

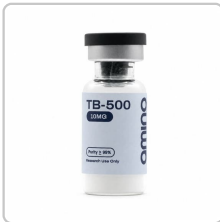
COA #: **COA-2026-WSJ1UK**
Lot Number: **TB0001**
Accession #: **ACC-2026-3138**
Concentration: **10mg**
Sample Matrix: **Lyophilized**

Method: **Full QC Panel**
Analysis Date: **05/29/2026**
Appearance: **Good**
Volume: **3mL**
Received: **05/22/2026**



Scan to verify authenticity at ils-lab.com

Identity: **TB-500** Peptide Purity: **99.75%**

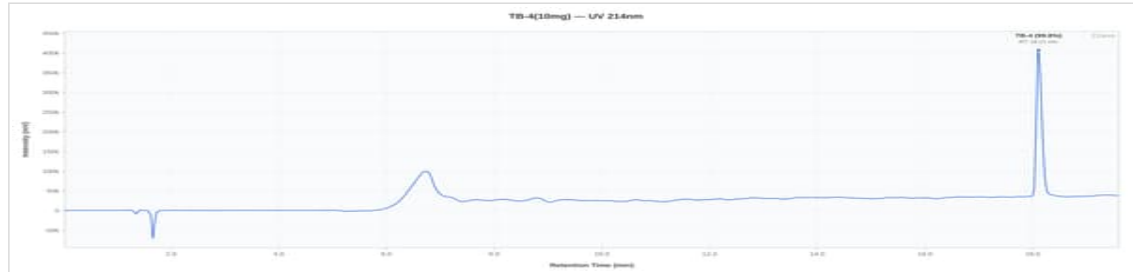


TB-500 10mg - TB0001

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.75%	%	PASS
Net Peptide Content	Report Only	10.4	mg	N/A
Identity (ID)	TB-500	Confirmed	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.69% purity, closest to batch mean of 99.72%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.69%	10.59 mg	Confirmed	PASS
Conformity V1	99.75%	10.4 mg	Confirmed	PASS
Mean	99.72%	10.50 mg	—	—
Std Dev	0.0300%	0.0950 mg	—	—




Dr. Greg Kalyuzhny
Lab Director
5/29/2026

COA #: **COA-2026-WSJ1UK**
Access Code: **ABWX0BAC**
Verify: portal.ils-lab.com/verify/gsALgF_uPg73CxYe
Issued: 5/29/2026

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COA #:	COA-2026-WSJ1UK	Method:	Full QC Panel
Lot Number:	TB0001	Analysis Date:	05/29/2026
Accession #:	ACC-2026-3138	Appearance:	Good
Concentration:	10mg	Volume:	3mL
Sample Matrix:	Lyophilized	Received:	05/22/2026



Scan to verify
authenticity at ils-lab.com

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	<i>Not Detected</i>	PASS
Cadmium (Cd)	NMT 0.5 ppm	<i>Not Detected</i>	PASS
Chromium (Cr)	NMT 10 ppm	<i>Not Detected</i>	PASS
Mercury (Hg)	NMT 1.5 ppm	<i>Not Detected</i>	PASS
Lead (Pb)	NMT 1 ppm	<i>Not Detected</i>	PASS

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	NMT 0.05 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

- Date Tested: 05/29/2026. Methods: Purity & Quant (HPLC).
- The sample was confirmed to be TB-500 by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
- Chromatogram shown is representative: Dedicated V0 (99.69% purity, closest to batch mean of 99.72%).




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