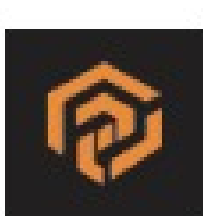


ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

TB-500 - 10mg

 **Tested for: Puratek Peptides**
1810 E Sahara Ave. Suite #522 | puratekpeptides.com

COA #: **COA-2026-CIRPYB**
Lot Number: **TB510004**
Accession #: **ACC-2026-6006**
Labeled Content: **10mg**

Analysis Date: **06/28/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Vial Size: **3mL**
Date Received: **06/21/2026**

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: LX9SATMR

Method: **Full QC Panel**

Identity
TB-500

Peptide Purity
99.85%

 **Fentanyl Free**

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.85%	%	PASS
Net Peptide Content	Report Only	10.42	mg	N/A
Identity (HPLC-RTM)	TB-4	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

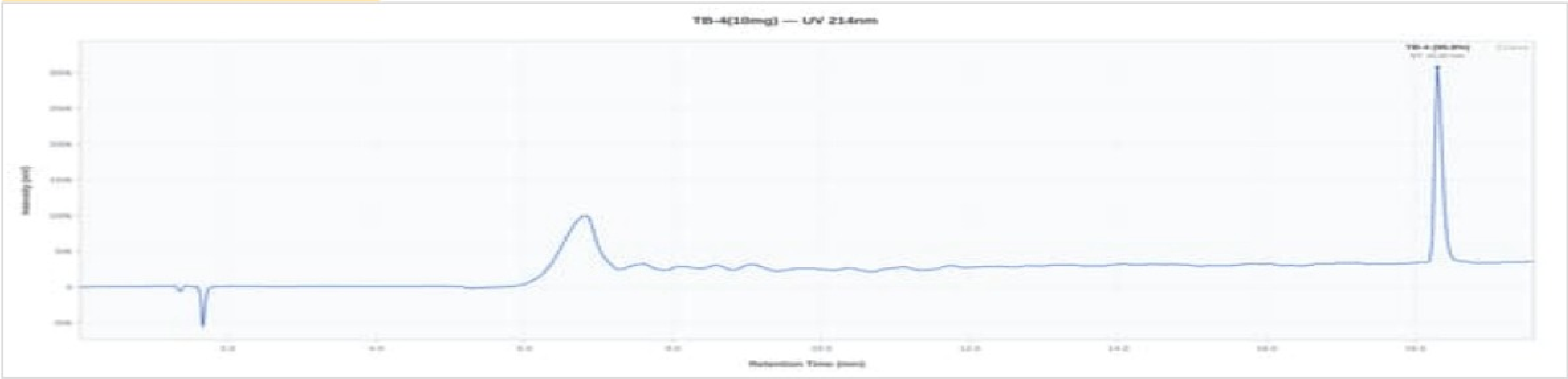


TB-500 10mg - TB510004

Additional Tests

Analyte	Specification	Result	Unit	Status
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.82% purity, closest to batch mean of 99.83%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.82%	10.31 mg	Confirmed	PASS
Conformity V1	99.85%	10.42 mg	Confirmed	PASS
Mean	99.83%	10.37 mg	—	—
Std Dev	0.0150%	0.0550 mg	—	—




Dr. Greg Kalyuzhny
Lab Director
6/28/2026

COA #: **COA-2026-CIRPYB**
Access Code: **LX9SATMR**
Verify: portal.ils-lab.com/verify/Ng-GPnXwu4QThc2Q
Issued: 6/28/2026

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	Not Detected	PASS
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	Not Detected	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>)	NMT 0.5 EU/mL	0.072 EU/mL	PASS
Acceptance criteria: NMT 0.5 EU/mL per client specification.			

Notes & Methodology

- Date Tested: 06/28/2026. Methods: Purity & Quant (HPLC); Additional Tests.
- 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 (99.82% purity, closest to batch mean of 99.83%).





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Lab Director
6/28/2026

COA #: COA-2026-CIRPYB
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