

# Certificate of Analysis

TB-500 Fragment 17-23 10.8 mg

Report To:

**Peptidology**

11111 N Scottsdale Rd STE 205  
Scottsdale, AZ 85254  
480-974-4660

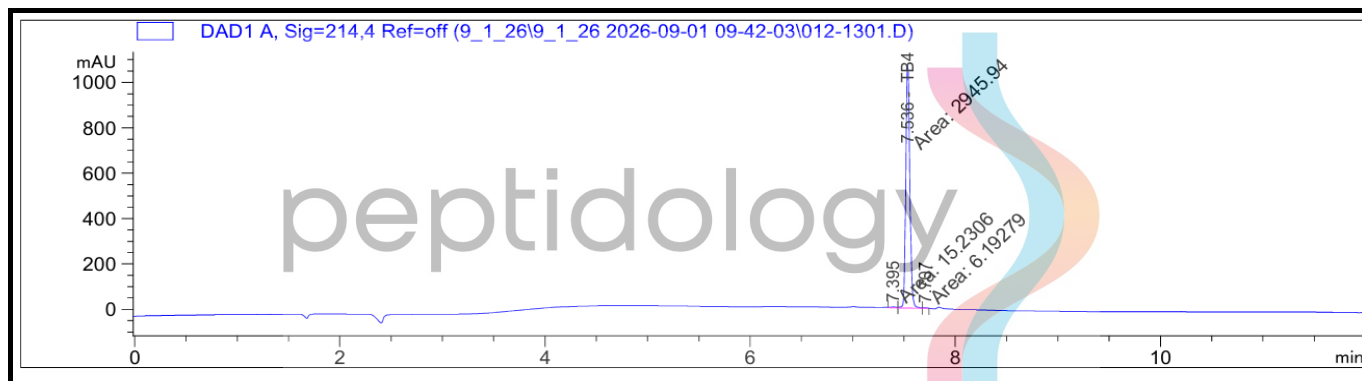
Compound: TB-500 Fragment 17-23

Amount: 10.8 mg

Laboratory ID: V260828-46 007

Date Reported: 9/9/2026

Lot Number: 1775



Chromatogram for vial A shown above.

| Analysis                     | Method      | Result (per Vial)            |          |          |
|------------------------------|-------------|------------------------------|----------|----------|
| CAS Number of Reference Std. | n/a         | 885340-08-9                  |          |          |
| Identity                     | HPLC-UV/VIS | Pass - Matches Ref. Standard |          |          |
| Chromatographic Purity       | HPLC-UV/VIS | 99.28%                       | 99.50%   | 99.71%   |
| Assay                        | HPLC-UV/VIS | 11.15 mg                     | 10.75 mg | 10.49 mg |
| Fentanyl Screening           | HPLC-UV/VIS | Pass - Not Detected          |          |          |




Report By: Dustin Newman, Laboratory Director on 9/9/2026



Approved By: Tori Johnson, Operations Manager on 9/9/2026



Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



Vanguard Laboratory  
2635 Parkmont Ln  
Olympia, Wa 98502  
360-967-7010

# Certificate of Analysis

TB-500 Fragment 17-23 10.8 mg

Report To:

**Peptidology**

11111 N Scottsdale Rd STE 205  
Scottsdale, AZ 85254  
480-974-4660

Compound: TB-500 Fragment 17-23

Amount: 10.8 mg

Laboratory ID: V260828-46 007

Date Reported: 9/9/2026

Lot Number: 1775

| Analyte       | Method | LOQ (ppm) | Result (per vial) |    |
|---------------|--------|-----------|-------------------|----|
| Chromium (Cr) | ICP-MS | 0.1       | ND                | ND |
| Arsenic (As)  | ICP-MS | 0.01      | ND                | ND |
| Cadmium (Cd)  | ICP-MS | 0.01      | ND                | ND |
| Lead (Pb)     | ICP-MS | 0.02      | ND                | ND |
| Mercury (Hg)  | ICP-MS | 0.005     | ND                | ND |

Run ID:

| Analysis   | Method | Vial | Result              |
|------------|--------|------|---------------------|
| Endotoxins | LAL    | A    | Pass - <5.00 EU/mg* |
|            |        | B    | Pass - <5.00 EU/mg* |
|            |        | C    | Pass - <5.00 EU/mg* |

\*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 9/9/2026

Approved By: Tori Johnson, Operations Manager on 9/9/2026

ND: Non-Detect

LOD: Limit of Quantification



Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



Vanguard Laboratory  
2635 Parkmont Ln  
Olympia, Wa 98502  
360-967-7010

# Certificate of Analysis

TB-500 Fragment 17-23 10.8 mg

Report To:

**Peptidology**

11111 N Scottsdale Rd STE 205  
Scottsdale, AZ 85254  
480-974-4660

Compound: TB-500 Fragment 17-23

Amount: 10.8 mg

Laboratory ID: V260828-46 007

Date Reported: 9/9/2026

Lot Number: 1775

| Residual Solvents Analysis |        |           |              |
|----------------------------|--------|-----------|--------------|
| Analyte                    | Method | LOQ (ppm) | Result (ppm) |
| Acetone                    | GC-MS  | 3.7       | ND           |
| Benzene                    | GC-MS  | 0.02      | ND           |
| Butanes                    | GC-MS  | 3.7       | ND           |
| Chloroform                 | GC-MS  | 0.02      | ND           |
| Cyclohexane                | GC-MS  | 2.9       | ND           |
| Dichloromethane            | GC-MS  | 0.45      | ND           |
| Ethanol                    | GC-MS  | 3.7       | ND           |
| Ethyl Acetate              | GC-MS  | 3.7       | ND           |
| Heptane                    | GC-MS  | 3.7       | ND           |
| Hexanes                    | GC-MS  | 0.21      | ND           |
| Isopropanol                | GC-MS  | 3.7       | ND           |
| Methanol                   | GC-MS  | 2.2       | ND           |
| Pentanes                   | GC-MS  | 3.7       | ND           |
| Propane                    | GC-MS  | 3.7       | ND           |
| Toluene                    | GC-MS  | 0.66      | ND           |
| Total Xylenes              | GC-MS  | 1.6       | ND           |

| Analysis                    | Method                      | Result (per Vial) |      |
|-----------------------------|-----------------------------|-------------------|------|
| Container Closure Integrity | Dye Ingress Method          | A                 | Pass |
|                             |                             | B                 | Pass |
|                             |                             | C                 | Pass |
| Solubility Analysis         | Fully Soluble in 2 mL Water | A                 | Pass |
|                             |                             | B                 | Pass |
|                             |                             | C                 | Pass |
| Trifluoroacetic Acid (TFA)  | Ion Chromatography          | ND - <0.10%       |      |

ND: Non-Detect

LOD: Limit of Quantification



Report By: Dustin Newman, Laboratory Director on 9/9/2026

Approved By: Tori Johnson, Operations Manager on 9/9/2026

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



## LABORATORY REPORT

Peptidology  
11111 N Scottsdale Rd  
Scottsdale, AZ 85254  
  
Phone: 480-974-4660

Account #: E74035  
Sample Name: TB-500 Fragment 17-23  
Lot #: 1775  
Storage Conditions: Room Temperature

Date Received: 8/31/2026

Submission #: ETX-260828-0545



### **Microbiology Tests:**

#### **ScanRDI Sterility Test**

**Method Suitability:** No Method Suitability on file

**Result:** Pass

Date Started: 8/31/2026

Date Completed: 9/1/2026

Respectfully submitted,  
EAGLE ANALYTICAL SERVICES INC.

Alison Eng, Quality Control Manager

**Results apply only to the tested sample(s) as received.**