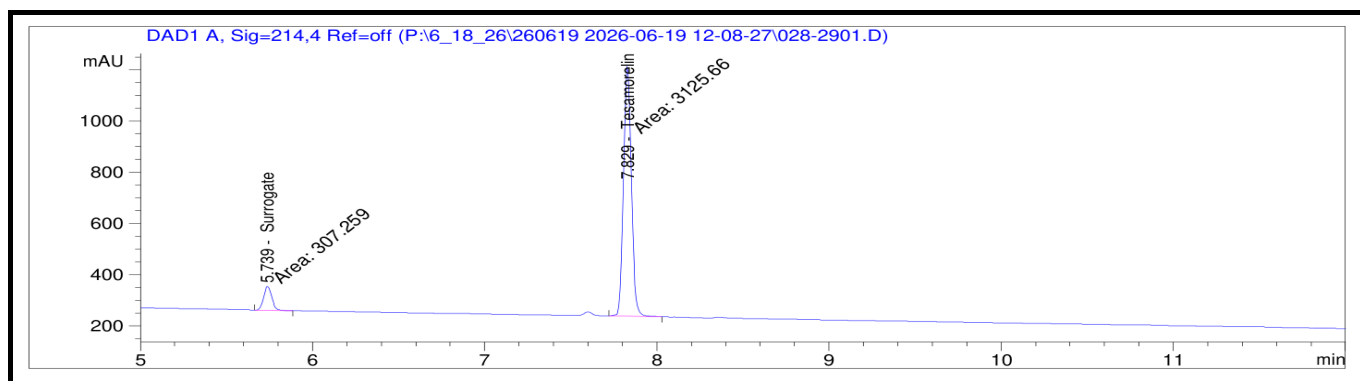


# Certificate of Analysis

Tesamorelin 20 mg

Report To:  
**Optimal**

Compound: Tesamorelin  
Quantity: 20 mg  
Laboratory ID: V260617-22010  
Lot Number: OP-TESA.20.A  
Date Reported: 7/20/2026



Chromatogram for Vial "A" shown above.

| Analysis               | Method      | Result (per Vial) |          |          |
|------------------------|-------------|-------------------|----------|----------|
| Chromatographic Purity | HPLC-UV/VIS | >99.80%           | >99.80%  | >99.80%  |
| Quantity               | HPLC-UV/VIS | 22.47 mg          | 23.20 mg | 22.88 mg |




Report By: Dustin Newman, Laboratory Director on 7/20/2026



Approved By: Tori Johnson, Operations Manager on 7/20/2026



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

Tesamorelin 20 mg

Report To:  
**Optimal**

Compound: Tesamorelin  
Quantity: 20 mg  
Laboratory ID: V260617-22 010  
Lot Number: OP-TESA.20.A  
Date Reported: 7/20/2026

| Analyte      | Method | LOQ (ppm) | Result (ppm) |
|--------------|--------|-----------|--------------|
| Arsenic (As) | ICP-MS | 0.01      | ND           |
| Cadmium (Cd) | ICP-MS | 0.01      | ND           |
| Lead (Pb)    | ICP-MS | 0.01      | ND           |
| Mercury (Hg) | ICP-MS | 0.005     | ND           |

Run ID: 260625

| Analysis   | Method | Result              |
|------------|--------|---------------------|
| Endotoxins | LAL    | 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 7/20/2026

Approved By: Tori Johnson, Operations Manager on 7/20/2026

ND: Non-Detect

LOD: Limit of Quantification



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