



## ORDERED BY



YourPeptide  
Brand.com

Your Peptide Brand

## PRODUCT

NAME Tesamorelin 20mg  
SKU YPB.288  
CATEGORY Identity + Purity +  
Assay + Heavy Metals +  
Microbial

## SAMPLE

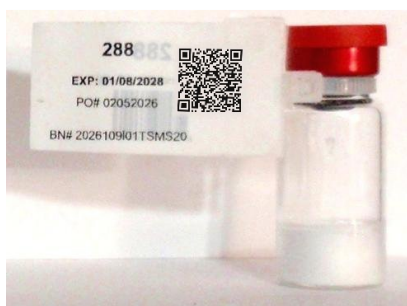
BATCH 2026109I01TSMS20  
TESTED 2026-02-27

## DESCRIPTION

Vial with white powder — sealed with plastic security cap. Flag tag attached at neck with manufacturer / product SKU number, PO, and expiration.

## PERFORMING LAB

**Analytical Formulations, Inc.**  
6703 Mountain Asia, San Antonio, TX 78233  
<https://analyticalformulations.com>  
Lab-certified result data: 2026-06-02



Submitted vial — YPB.288



**DIGITALLY SIGNED BY**  
Purity Analytics LLC

ISSUED 2026-06-02 05:45:55 UTC  
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ALGORITHM RSA-SHA512

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## ANALYTICAL RESULTS

| COMPONENT   | ANALYTE                       | SPECIFICATION                                                                                                                       | RESULT   | P/F |
|-------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------|-----|
| Tesamorelin | Qualitative ID (Lambda Max)   | TS $\lambda_{max}$ is a match compared to its characteristic reference standard.                                                    | Matches  | ✓   |
|             | Percent Purity                | NLT 98%<br>$r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$ | 99.3 %   | ✓   |
| Tesamorelin | Quantitative Assay            | NLT 95% label claim<br>$\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$                                       | 20.44 mg | ✓   |
|             | Heavy Metals (Total Quantity) | NMT 150 ppb/vial (including Pb, Cd, Hg, Ni, Fe & Co)                                                                                | <10 ppb  | ✓   |
|             | TAMC (Aerobic/Coliform)       | NMT 1,000 CFU · Incubated 48 hrs @ 37°C                                                                                             | 0 CFU    | ✓   |
|             | TYMC (Yeast & Molds)          | NMT 100 CFU · Incubated 48 hrs @ 30°C                                                                                               | 0 CFU    | ✓   |



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## METHODS

- Qualitative ID - Lambda Max
- Percent Purity - Correlation Coefficient
- Quantitative Assay - Beer-Lambert
- Heavy Metals - Total Quantity
- TAMC (Total Aerobic Microbial Counts)
- TYMC (Total Yeast and Mold Counts)

Microbial specifications follow the Substances for Pharmaceutical Use compendium. UV-Vis measurements performed on a Jenway 6715 UV/Vis Spectrophotometer.



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## PERFORMING LABORATORY & CERTIFICATION

### PERFORMING LABORATORY

#### Analytical Formulations, Inc.

6703 Mountain Asia, San Antonio, TX 78233

<https://analyticalformulations.com>

A laboratory-authorized user certified on 2026-06-02 that the submitted result data and the Purity Analytics COA generated from that data accurately represent the laboratory's reported findings for the sample identified in this report.

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Test results apply only to the specific sample identified by the SKU and Batch/Lot number on this report. The performing laboratory tested or reported the sample as received; chain of custody from the manufacturer, customer, distributor, or any upstream party to the laboratory is not certified by Purity Analytics LLC or the laboratory unless expressly stated in this report. Subsequent handling, storage, repackaging, reconstitution, relabeling, resale, distribution, or modification by any party may alter the attributes reported here.

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