

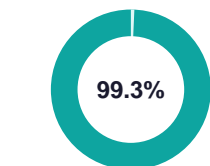
Document Ref: BP-COA-2026-0279

Issue Date: April 5, 2026

## Product Information

<b>Product Name:</b>	Tesamorelin		
<b>Biopharma SKU:</b>	BP-PEP-TESA-10	<b>Quantity:</b>	10mg
<b>CAS No.:</b>	218949-48-5	<b>Mfg. Date:</b>	December 2025
<b>Lot No.:</b>	BP-2501-279	<b>Retest Date:</b>	December 2026
<b>Mol. Weight:</b>	5135.83 Da	<b>Mol. Formula:</b>	C221H366N72O67S
<b>Storage:</b>	Store at -20°C in a sealed container, protected from light and moisture.		
<b>Peptide Sequence:</b>	Trans-3-hexenoic acid-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH2		

## Analytical Test Results



■ Purity (HPLC) 99.3%  
■ Impurity 0.7%

Test	Specification	Result
<b>Qualitative ID</b>	Lambda Max matches reference	Matches — Pass
<b>Percent Purity</b>	NLT 98% (HPLC)	99.3% — Pass
<b>Quantitative Assay</b>	NLT 95% label claim	9.98mg — Pass
<b>Heavy Metals</b>	NMT 150 ppb/vial	<20 ppb — Pass
<b>TAMC (Microbial)</b>	NMT 100 CFU/ml	0 — Pass
<b>TYMC (Yeast/Mold)</b>	NMT 100 CFU/ml	0 — Pass

## Quality Assurance and Regulatory Information

**Compliance:** Manufactured under GMP conditions. Conforming to ISO 9001:2015 standards.

**Safety:** Non-explosive, non-corrosive, non-radioactive, non-flammable, non-toxic.

**Usage:** For in vitro laboratory research purposes only. Not for diagnostic or therapeutic use.

**SDS:** Refer to the Safety Data Sheet (SDS) for handling and disposal instructions.

## Chain of Custody

Independent analytical testing performed by **Analytical Formulations, Inc.**

on behalf of **Biopharma Sciences LLC.**

Manufacturer: YPB Labs | Original Lab Report Ref: YPB.279 — AFI Report, December 2025

Original unaltered laboratory certificate of analysis is attached as page 2 of this document.

## Approval



Authorized Signatory

**Role:** Quality Assurance Director  
**Date:** April 5, 2026  
**Company:** Biopharma Sciences LLC



## - Summary Report -

**Test Product:** Tesamorelin 10mg

**Manufacturer:** YPB Labs

**Client:** PureMD Labs

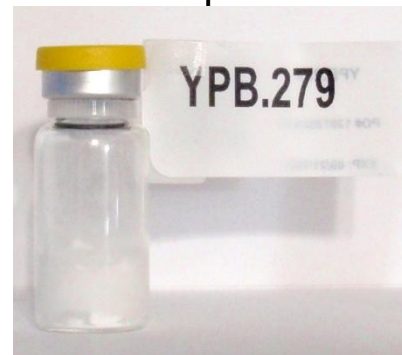
**Batch/Lot #:** (see flag tag)

**Description:** Vial with White Powder - Sealed with plastic Security Cap - Flag Tag attached at neck with Manufacture/Product Sku Number - PO and Expiration on Flag Tag.

COMPONENT	TEST	SPECIFICATION	RESULT
<b>Tesamorelin</b>	<b>Qualitative ID</b> Lambda Max	TS $\lambda_{max}$ is a match compared to its characteristic reference standard.*	<b>Matches</b> ∴ <b>Pass</b>
	<b>Percent Purity</b> Correlation Coefficient	NLT 98%* $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	<b>99.2%</b> ∴ <b>Pass</b>
	<b>Quantitative Assay</b> Beer-Lambert	NLT 95% label claim (mg/vial)* % = $(A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	<b>10.14mg</b> ∴ <b>Pass</b>
	<b>Heavy Metals</b> Total Quantity	NMT 150ppb/vial Heavy Metals (including Pb, Cd, Hg, Ni, Fe & Co)	<b>&lt;150ppb</b> ∴ <b>Pass</b>
	<b>TAMC</b> (Total Aerobic Microbial Counts)	NMT 100CFU/ml Aerobic/Coliform incubated 48hrs @ 37°C*	<b>0</b> ∴ <b>Pass</b>
	<b>TYMC</b> (Total Yeast and Mold Counts)	NMT 100CFU/ml Yeast & Molds incubated for 48hrs @ 30°C*	<b>0</b> ∴ <b>Pass</b>

*Tested on a Jenway 6715 UV/Vis Spectrophotometer.*

*\* Based on Substances For Pharmaceutical Use compendial SOP.*



**Performing Analyst Initial & Date:**  3 January 2026

*Information is based on data provided by the client, and any transcribed data is presented in good faith and not warranted as to the accuracy of results. Use of this information "as is" shall be at the risk of the user, and independent verification is the sole responsibility of the user. Analytical Formulations Inc., including its employees and corporate affiliates, disclaim any liability incurred related to the misuse of this data. This report does not grant permission to assert any health claims, nor does it give license to use any existing patents or copyrights pertaining to product samples, or any individual component of said goods. This report may not be reproduced, except in its totality, without the prior, express written consent of Analytical Formulations Inc.*