



## - Summary Report -

**Test Product:** Sermorelin 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                            |
|------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Sermorelin | <b>Qualitative ID</b><br>Lambda Max              | TS $\lambda_{max}$ is a match compared to its characteristic reference standard.*                                                                                   | <b>Matches</b><br>∴ <b>Pass</b>   |
|            | <b>Percent Purity</b><br>Correlation Coefficient | NLT 98%*<br>$r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$ | <b>99.2%</b><br>∴ <b>Pass</b>     |
|            | <b>Quantitative Assay</b><br>Beer-Lambert        | NLT 95% label claim (mg/vial)*<br>$\% = (A_{TS} / A_{STD}) \times (C_{STD} / C_{TS}) \times 100$                                                                    | <b>9.91mg</b><br>∴ <b>Pass</b>    |
|            | <b>Heavy Metals</b><br>Total Quantity            | NMT 150ppb/vial Heavy Metals<br>(including Pb, Cd, Hg, Ni, Fe & Co)                                                                                                 | <b>&lt;20ppb</b><br>∴ <b>Pass</b> |
|            | <b>TAMC</b> (Total Aerobic<br>Microbial Counts)  | NMT 1,000 CFU Aerobic/Coliform<br>incubated 48hrs @ 37°C**                                                                                                          | <b>0</b><br>∴ <b>Pass</b>         |
|            | <b>TYMC</b> (Total Yeast<br>and Mold Counts)     | NMT 100 CFU/ml Yeast & Molds<br>incubated for 48hrs @ 30°C**                                                                                                        | <b>0</b><br>∴ <b>Pass</b>         |

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

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



**Performing Analyst Initial & Date:**  14 January 2026

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