



## - Summary Report -

**Test Product:** Melanotan-II 10mg

**Receive Date:** 04-06-26

**Client:** Rhema Research Labs, LLC

**Batch/Lot #:** 2026-1MT2

**Description:** 3ml clear glass vial of white lyophilized powder. (Clear Cap / Gold Crimp)

**Manufacturer:** PNC

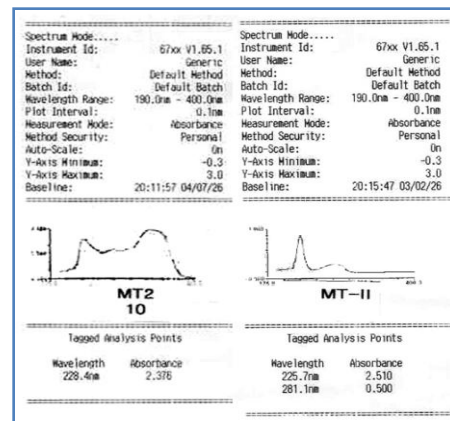
| COMPONENT | TEST                                             | SPECIFICATION                                                                                                                                                      | RESULT                           |
|-----------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| MT2       | <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>99.5%</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>11.36mg</b><br>.: <b>Pass</b> |
|           | <b>Heavy Metals</b>                              | NMT 150ppb Combined Metals<br>(including Pb, Cd, Hg, Ni, Fe & Co)                                                                                                  | <b>&lt;20</b><br>.: <b>Pass</b>  |
|           | <b>TAMC</b> (Total Aerobic Microbial Counts)     | NMT 1,000 CFU/ml*<br>incubated 48hrs @ 37°C                                                                                                                        | <b>0</b><br>.: <b>Pass</b>       |
|           | <b>TYMC</b> (Total Yeast and Mold Counts)        | NMT 100 CFU/ml*<br>incubated 48hrs @ 30°C                                                                                                                          | <b>0</b><br>.: <b>Pass</b>       |

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

\*Based on Substances for Pharmaceutical Use compendium.

### Discussion:

Sample received sealed and in good condition.



**Performing Analyst** Initial & Date:  10 April 2026

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