



## - Summary Report -

**Test Product:** Melanotan-1 10mg

**Client:** Grey Axis Research

**Description:** 3ml glass vial of white, lyophilized powder. (Red cap / Silver crimp)

**Receive Date:** 04-22-26

**Manufacturer:** N/A

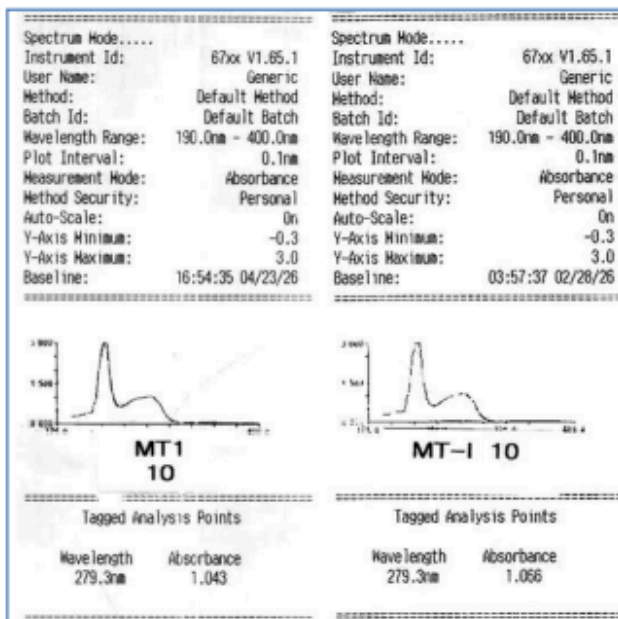
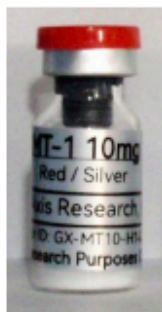
**Batch/Lot #:** GX-MT10-H1426

| COMPONENT  | TEST                                             | SPECIFICATION                                                                                                                                                      | RESULT                          |
|------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>MT1</b> | <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>99.8%</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>10.76mg</b><br>∴ <b>Pass</b> |

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

### Discussion:

Sample received sealed and in good condition.



Performing Analyst Initial & Date:  24 April 2026

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