**Analytical Formulations, Inc.**
***Premiere Consulting & Lab Services since 2008***
**Email: info@analyticalformulations.com**

# - Summary Report -

| | | | |
|---|---|---|---|
| **Test Product:** | **MOTS-c 10mg** | **Receive Date:** | 04-19-26 |
| **Client:** | **Alpha Peptides** | **Batch/Lot #:** | MC10-32526328 |
| **Description:** | 3ml clear glass vials (3) of white lyophilized powder. | **Manufacturer:** | N/A |

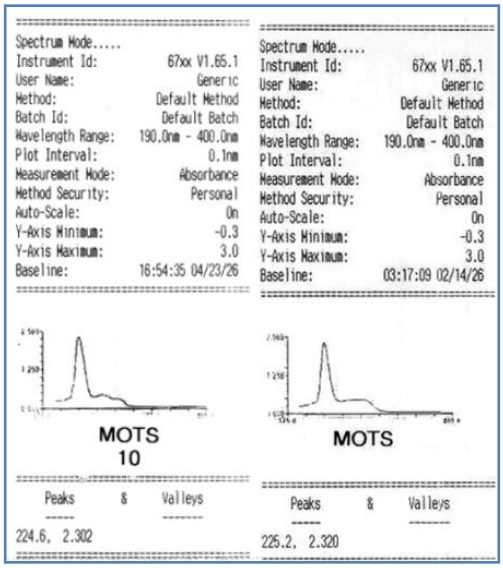
Vial A (Blue cap / Silver crimp)
Vial B (Blue cap / Silver crimp)
Vial C (Blue cap / Silver crimp)

| COMPONENT | TEST | SPECIFICATION | RESULT |
|---|---|---|---|
| **Vial A**<br>**Vial B** | **Qualitative ID**<br>Lambda Max | TS $\lambda_{max}$ is a match compared to its characteristic reference standard. | **Matches ∴ Pass**<br>**Matches ∴ Pass** |
| **Vial A**<br>**Vial B** | **Percent Purity**<br>Correlation Coefficient | NLT 98%<br>$r_{xy} = \frac{\sum_{i=1}^{n}(x_i-\bar{x})\cdot(y_i-\bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i-\bar{x})^2}\cdot\sqrt{\sum_{i=1}^{n}(y_i-\bar{y})^2}}$ | **99.7% ∴ Pass**<br>**99.6% ∴ Pass** |
| **Vial A**<br>**Vial B** | **Quantitative Assay**<br>Beer-Lambert | NLT 95% label claim (mg/vial)<br>% = ($A_{TS}/A_{STD}$) x ($C_{STD}/C_{TS}$) x 100 | **10.70mg ∴ Pass**<br>**10.84mg ∴ Pass** |
| **Vial C** | **Heavy Metals** | NMT 100ppb Combined Metals (including Pb, Cd, Hg, Ni, Fe & Co) | **<20 ∴ Pass** |

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

**Discussion:**
Sample received sealed and in good condition.




**Performing Analyst** **Initial & Date:** 25 April 2026

*This 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. disclaims any liability incurred related to the misuse of this data. This report does not grant permission to assert any nutritional claims, nor does it give license to use any existing patents or copyrights pertaining to the 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.*