

# MOTS-C

## Certificate of Analysis

|                      |                     |                   |                  |
|----------------------|---------------------|-------------------|------------------|
| Product Name         | MOTS-C              |                   |                  |
| CAS No.              | 1627580-64-6        | Batch No.         | 20250913025      |
| Date of Producing    | 2025-09-13          | Molecular Formula | C101H152N28O22S2 |
| Retest Date          | 2027-09-13          | Molecular Weight  | 2174.34          |
| Condition of Storage | 2~8℃                |                   |                  |
| Reference Standard   | Enterprise Standard |                   |                  |

| TEST                            | SPECIFICATION                   | RESULT   |
|---------------------------------|---------------------------------|----------|
| Appearance                      | White or almost white powder    | Conforms |
| Solubility                      | soluble in water                | Conforms |
| Water Content<br>(Karl Fischer) | ≤8.0%                           | 4.2%     |
| Acetic Acid<br>(By HPLC)        | ≤15.0%                          | 8.4%     |
| Peptide Purity<br>(By HPLC)     | ≥98.0%                          | 99.4%    |
| Related Substance<br>(By HPLC)  | Total Impurities(%)≤2.0%        | 0.6%     |
|                                 | Largest Single Impurity(%)≤1.0% | 0.3%     |

|            |                                     |
|------------|-------------------------------------|
| Conclusion | Conforms to the Enterprise standard |
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Analyst: Judy Liu

Checker: Kim Huang

Approved by: Shi Ru