

**CERTIFICATE OF ANALYSIS**

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>Product Name</b>          | Palmitoyl Tetrapeptide-7              |
| <b>Sequence</b>              | Pal-GQPR                              |
| <b>Dissolution condition</b> | 5% HCOOH+15% ACN+80% H <sub>2</sub> O |
| <b>Length</b>                | 4AA                                   |
| <b>Modification</b>          | HCl Salt                              |
| <b>Molecular Weight (MW)</b> | 649.92                                |
| <b>Storage</b>               | -20°C                                 |

| <b>Test Items</b>          | <b>Specifications</b>                 | <b>Results</b> |
|----------------------------|---------------------------------------|----------------|
| <b>MW by MS</b>            | 649.92                                | Conforms       |
| <b>Purity by HPLC</b>      | >98%                                  | 99.10%         |
| <b>Peptide content</b>     | >80%                                  | 98.18%         |
| <b>Moisture content</b>    | < 7.0%                                | 1.18%          |
| <b>Acetic acid content</b> | N/A                                   | N/A            |
| <b>Appearance</b>          | White to off-white lyophilized powder | Conforms       |
| <b>Quantity</b>            | 1g                                    | 1.0g           |



Certified by:  
Quality Assurance Department

**Note: this product is intended for research use only; not for diagnostic or human use.**

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