



## Certificate of Analysis

|                    |  |                          |   |
|--------------------|--|--------------------------|---|
| <b>Product</b>     | CJC1295 Without DAC  | <b>CAS No.†</b>          | 863288-34-0   |
| <b>Product No.</b> | 800028   | <b>Molecular Formula</b> | C <sub>152</sub> H <sub>252</sub> N <sub>44</sub> O <sub>42</sub> |
| <b>Sequence</b>    | Tyr-DAla-Asp-Ala-Ile-Phe-Thr-Gln-Ser-Tyr-Arg-Lys-Val-Leu-Ala-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Leu-Ser-Arg-NH <sub>2</sub> |                          |   |
| <b>Batch No.</b>   | 800028-25030501-03   | <b>Quantity</b>          | 422.2g  |
| <b>Mfg. Date</b>   | May. 20 <sup>th</sup> , 2025   | <b>Retest Date</b>       | May. 19 <sup>th</sup> , 2027                                      |

| 【ITEMS】                   | 【SPECIFICATIONS】  | 【RESULTS】    |
|---------------------------|---|--------------|
| <b>Appearance</b>         | White powder  | White powder |
| <b>Solubility</b>         | Soluble in 1% acetic acid   | Conforms     |
| <b>HPLC</b>               | The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution. | Conforms     |
| <b>Amino acid content</b> | Ala 3.6-4.4   | 4.1          |
|                           | Ser 2.7-3.3   | 2.8          |
|                           | Val 0.9-1.1   | 1.0          |
|                           | Thr 0.9-1.1   | 1.0          |
|                           | Ile 1.8-2.2   | 1.0          |
|                           | Leu 4.5-5.5   | 5.2          |
|                           | Asp 1.8-2.2   | 2.0          |
|                           | Glx 2.7-3.3   | 2.9          |
|                           | Lys 1.8-2.2   | 2.0          |

|   |  |          |
|---|--|----------|
|   | Phe 0.9-1.1  | 1.0      |
|   | Arg 2.7-3.3  | 3.0      |
|   | Tyr 1.8-2.2  | 2.0      |
| <b>Mass spectrum</b>  | 3367.9±1.0   | 3368.0   |
| <b>Purity(HPLC)</b>   | NLT 98.0%  | 99.7%    |
| <b>Acetic acid</b>  | NMT 8.1%   | 6.6%     |
| <b>Trifluoroacetate</b>   | NMT 0.5%   | N.D      |
| <b>Water content(KF)</b>  | NMT 8.0%   | 6.7%     |
| <b>Peptide content(%)</b>   | NLT 80.0%  | 86.4%    |
| <b>Residual solvent</b>   | Methylene chloride NMT 600ppm  | N.D      |
|   | Acetonitrile NMT 410ppm  | 70ppm    |
|   | Methyl tert-butyl ether NMT 5000 ppm   | N.D      |
|   | DMF NMT 880ppm   | 28ppm    |
| <b>Bacterial endotoxins</b>   | NMT 10EU/mg  | Conforms |
| <b>Microbial limits</b>   | TAMC NMT 100cfu/g  | Conforms |
|   | TYMC NMT 100cfu/g  |          |
| <b>Storage</b>  | In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C |          |
| <b>Conclusion: This batch of product complies with Enterprise Standard.</b> |  |          |

Reported By: Shige Lin Reviewed By: Yunke Dou Date: 2025-5-21