

# CERTIFICATE OF ANALYSIS

|                                                                                                                                                                                                                       |                 |                 |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------|
| PRODUCT No:                                                                                                                                                                                                           | RET             | BATCH No.       | RET-24022301 |
| Salt Type                                                                                                                                                                                                             | Na <sup>+</sup> | PRODUCTION DATE | 2024.02.26   |
| Report Date                                                                                                                                                                                                           | 2024.02.28      | RETEST DATE     | 2026.02.25   |
| Sequence:<br>Tyr-Aib-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- α MeLeu-Leu-Asp-Lys-Lys(PEG2- γ -Glu-Eicosanedioicacid)-Ala-Gln-Aib-Ala-Phe-Ile<br>-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH2 |                 |                 |              |

| Test                     | Requirements                                                                                                                 | Results                                 |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Appearance               | This product is white or off-white powder                                                                                    | white powder                            |
| MS                       | 4731.32±1.0                                                                                                                  | 4731.06                                 |
| Solubility               | Soluble in water (No less than 10mg/ml)                                                                                      | Soluble in water (No less than 10mg/ml) |
| Purity (%)(HPLC)         | ≥98.0%                                                                                                                       | 99.35%                                  |
| Related Substances       | Largest peak Detected≤1.0%<br>Total Peaks Detected≤2.0%                                                                      | 0.41%<br>0.65%                          |
| Sodium ion               | 1.5~2.5%                                                                                                                     | 1.6%                                    |
| Water content(KF)        | ≤8.0%                                                                                                                        | 4.6%                                    |
| pH                       | 6.0~9.0                                                                                                                      | 7.30                                    |
| Trifluoroacetate/(HPLC)  | ≤0.5%                                                                                                                        | N.D                                     |
| Acetic acid/(HPLC)       | ≤0.5%                                                                                                                        | N.D                                     |
| bacterial endotoxin      | Less than 10EU/mg                                                                                                            | <3EU/mg                                 |
| Peptide Assay            | ≥90.0%                                                                                                                       | 93.2%                                   |
| Residual solvent<br>(GC) | Methyl tert-butyl ether, NMT 5000 ppm<br>Acetonitrile, NMT 410 ppm<br>DCM , NMT 600ppm<br>N,N-Dimethylformamide, NMT 880 ppm | N.D<br>38 ppm<br>N.D<br>N.D             |
| Storage                  | In an air tight container, protected from light; Long-Term storage at -20℃                                                   |                                         |
| CONCLUSION               | <input checked="" type="checkbox"/> Certified                                                                                | <input type="checkbox"/> Rejected       |

|                          |                          |                          |                       |
|--------------------------|--------------------------|--------------------------|-----------------------|
| <b>PREPARED BY/ DATE</b> | Yanhong Xiong/2024.02.29 | <b>REVIEWED BY/ DATE</b> | Yuanke Dai/2024.02.29 |
|--------------------------|--------------------------|--------------------------|-----------------------|

It is only supplied as chemical product.