# Certificate Of Analysis

NO:026-C84-TSX

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|---|---|---|---|
| **Peptide Name** | Cagrilintide | | |
| **Molecular Formula** | $C_{194}H_{312}N_{54}O_{59}S_2$ | **Manufacturing** | 2026/09/05 |
| **Molecular Weight** | 4409.01 | **Report Date** | 2026/09/10 |
| **CAS No.** | 1415456-99-3 | **Re-test Date** | 2028/09/05 |
| **Appearance** | white powder | **Packing size** | 1Kg/bag |
| **Renference Standard** | Renference Ch.p | **Storage conditions** | -20℃ ± 5℃, sealed and away from light |
| **Sequence** | [Eicosanedioic acid-γ-Glu]-KCNTATCATQRLAEFLRHSSNNFGPILPPTNVGSNTP-NH2 (Disulfide bridge: Cys3-Cys8) | | |

| Tests | Specifications | Results |
|---|---|---|
| **Appearance** | White powder | Conforms |
| **Purity (HPLC)** | ≥98.0% | 99.23% |
| **Peptide Content (N%)** | ≥80.0% | 87.23% |
| **Water Content (Karl Fischer)** | ≤10.0% | 6.0% |
| **Sodium ion** | <12.0% | 5.0% |
| **Residual solvents** | Acetonitrile NMT 410ppm | N.D |
| | Methanol NMT 3000ppm | N.D |
| | Methylene chloride NMT 600ppm | N.D |
| | N,N-Dimethylformamide NMT 880ppm | N.D |
| | Isopropyl ether NMT 5000ppm | N.D |
| **Bacterial endotoxin** | < 10 EU/mg | Conforms |
| **Mass Balance** | 95.0~105.0% | 98.23% |
| **Conclusion** | The batch complies with Enterprise Standard | |

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

**Analyst:** Warden Zhao **QC Director:** Melker Zhu **Checker** : Bowen Yang