# Certificate Of Analysis

NO:026-A96-TSX

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|---|---|---|---|
| **Product Name** | KLOW80 (BPC-157 10mg + GHK-Cu 50mg + TB-500 10mg + KPV 10mg) | | |
| **Molecular Formula** | $C_{62}H_{98}N_{16}O_{22}$ / $C_{14}H_{24}CuN_6O_4$ / $C_{212}H_{350}N_{56}O_{78}S$ / $C_{16}H_{30}N_4O_4$ | **Manufacturing** | 2026/09/05 |
| **Molecular Weight** | 1419.53 / 403.92 / 4963.50 / 342.43 g/mol | **Report Date** | 2026/09/10 |
| **CAS No.** | 137525-51-0 / 49557-75-7 / 77591-33-4 / 67727-97-3 | **Re-test Date** | 2028/09/05 |
| **Appearance** | Blue lyophilized powder | **Packing size** | (10mg+50mg+10mg+10mg)/vial, 10 vials/box |
| **Reference Standard** | Reference Ch.p | **Storage conditions** | Store at -20°C (Avoid light and moisture) |
| **Sequence** | N/A | | |

| Tests | Specifications | Results |
|---|---|---|
| **Appearance** | Light blue to blue lyophilized powder | Conforms |
| **Identification (MS)** | Conforms to structure & theoretical MW | Conforms |
| **Purity(HPLC)** | Each component ≥ 98.0% | 99.2% |
| **Assay (Total Peptide Content)** | 72.0 – 88.0 mg/vial (90.0% – 110.0% of labeled amount) | 78.75 mg/vial (98.4%) |
| **Water Content (Karl Fischer)** | ≤ 8.0% | 4.3% |
| **Acetic Acid (By HPLC)** | ≤ 12.0% | 8.1% |
| **Total Impurities (HPLC)** | ≤ 2.0% | 0.9% |
| **Bacterial Endotoxins** | ≤ 0.50 EU/mg | < 0.20 EU/mg |

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