Hangzhou TSurgeX Pharmaceutical Technology Co., Ltd.
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# Certificate Of Analysis

NO:023-K81-TSX

| | | | |
|---|---|---|---|
| **Peptide Name** | Kisspeptin-10 | | |
| **Molecular Formula** | $C_{63}H_{83}N_{17}O_{14}$ | **Manufacturing** | 2025/03/22 |
| **Molecular Weight** | 1302.45 | **Report Date** | 2025/02/26 |
| **CAS No.** | 374675-21-5 | **Re-test Date** | 2027/02/26 |
| **Appearance** | white powder | **Packing size** | 1Kg/bag |
| **Renference Standard** | Enterprise Standard | **Storage conditions** | Cool dry place( away from the light) |
| **Sequence** | Tyr-Asn-Trp-Asn-Ser-Phe-Gly-Leu-Arg-Phe-$NH_2$ | | |

| Tests | Specifications | Results |
|---|---|---|
| **Appearance** | White powder | Conforms |
| **MS (ESI)** | Conforms | Conforms |
| **Purity(HPLC)** | ≥98.0% | 98.72% |
| **Acetate Content(HPLC)** | <12.0% | 9.42% |
| **Water Content (Karl Fischer)** | ≤10.0% | 3.36% |
| **Peptide Content (N%)** | ≥80.0% | 85.3% |
| **Mass Balance** | 95.0~105.0% | Conforms |

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Limit To Research And Submission Use
Not For Direct Human Application

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