

Certification of Analysis

| Product Name | GHRP-6 Acetate | CAS No. | |
|--------------------------|--|---|------------------|
| Molecular Formula | C ₄₆ H ₅₅ N ₁₂ O ₆ | Batch No. | P241223-LC488708 |
| Molecular Weight | 873.04 | Manufacturing Date | 23.03.2025 |
| Storage | Cool dry place | Retest Date | 23.03.2025 |
| Sequence | His-D-Trp-Ala-Trp-D-Phe-Lys-NH ₂ | | |
| TEST | | SPECIFICATION | RESULT |
| 1 | Appearance | White powder | White powder |
| 2 | Solubility | Soluble in water or acetic acid to give a clear, colorless solution | Conforms |
| 3 | Identification (MS) | 873.04 ± 1.0 | 872.8 |
| 4 | Amino Acid Composition | ±10% of theoretical | Conforms |
| 5 | Peptide Purity (By HPLC) | ≥98.0% by area integration | 99.66% |
| 6 | Related Substance (By HPLC) | Total Impurities(%)≤2.0% Largest Single Impurity(%)≤1.0% | 0.34% 0.34% |
| 7 | Acetate Content (By HPLC) | ≤15.0% | 14.1% |
| 8 | Water Content (Karl Fischer) | ≤8.0% | 4.5% |
| 9 | Bacterial Endotoxins | ≤5EU/mg | Conforms |
| 10 | Peptide Content (N determination) | ≥80.0% | 83.51% |
| 11 | Assay (By Anhydrous, Acetic Acid-free) | 95.0~105.0% | 102.11% |