



HEALTHTIDE BIOTECH CO.,LTD.

Certificate of Analysis

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|---------------------------------|---|------------------|-------------|
| Product Name | Ipamorelin | CAS No. | 170851-70-4 |
| Molecular Formula | C38H49N9O5 | Molecular Weight | 711.85 |
| Batch No. | XR25122302-2-1 | Date of Mfg | Dec 23,2025 |
| Reference Standard | Enterprise Standard | Retest Date | Dec 22,2027 |
| Storage | Place in an airtight container protected from light and keep the temperature between 2°C and 8°C. | | |
| TEST | SPECIFICATION | | RESULT |
| Appearance | White or almost white fluffy powder | | Conform |
| Solubility | Soluble in water | | Conform |
| Water Content (Karl Fischer) | $\leq 8.0\%$ | | 3.52% |
| Acetic Acid (By HPLC) | $\leq 18.0\%$ | | 15.70% |
| Trifluoroacetic Acid | $\leq 0.5\%$ | | 0.31% |
| Peptide Purity (By HPLC) | $\geq 98.0\%$ | | 99.86% |
| Related Substance (By HPLC) | Total Impurities($\%$) $\leq 2.0\%$ | | 0.11% |
| | Largest Single Impurity($\%$) $\leq 1.0\%$ | | 0.06% |
| Bacterial Endotoxins | ≤ 10 EU/mg | | Conform |
| Assay | $\geq 75.0\%$ | | 79.63% |
| Conclusion | This batch meets the internal standards of the enterprise and is qualified. | | |

Note: This product is for research or production use only. Not for direct human use.

Analyst: Yang dan

Approved by: Ling chen

