

Certificate of Analysis

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|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|
| Name | Ipamorelin 10mg | CAS No. | 170851-70-4 |
| Formula | C38H49N9O5 | Origin | Chemical Synthesis |
| Lot No. | 20251016 | Manufacture Date | 2025.10.16 |
| Lot Size | / | Retest date | 2027.10.15 |
| Storage | Protected from light, at a temperature of $5 \pm 3^{\circ}\text{C}$ | | |
| Test Items | Acceptance Criteria | Test Results | |
| 【Description】 | | | |
| Appearance | White or off-white cake | White cake | |
| 【Identification】 | | | |
| HPLC Identification | The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay. | Conforms | |
| 【Test】 | | | |
| Purity | NLT 99.0% | 99.6% | |
| Related Substances | Individual impurity NMT0.1% | 0.14% | |
| | Total impurities NMT2.0% | 0.41% | |
| Reconstitution time | Less than 30s | Less than 10s | |
| Clarity and Coloration of solution | Clear and colorless, or if its opalescence is not more pronounced than that of reference suspension 1 | Conforms | |
| Water | NMT 5.0% | 0.38% | |
| Higher molecular impurity | NMT 0.5% | 0.10% | |
| Sterility Tests | Meet Requirements | Conforms | |
| Bacterial endotoxins | NMT 10 EU/mg | Less than 5 EU/mg | |
| 【Assay】 | | | |
| Assay | 95.0% - 99.98% on C38H49N9O5 | 99.833% | |
| Content | 9.8~ 10.5 mg/vial | 12.50mg/Vial | |
| Conclusion: The test results comply with the in-house specification. | | | |
| Important Notice: This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic. | | | |