LIBERTY PEPTIDES

# CERTIFICATE OF ANALYSIS

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| **Product Name** | Ipamorelin |
| **Sequence** | Aib-His-D-2-Nal-D-Phe-Lys-NH2 |
| **Dissolution condition** | 5%ACN+95%H2O |
| **CAS NO.** | 170851-70-4 |
| **Modification** | N/A |
| **Molecular Weight (MW)** | 711.85±1.0 |
| **Storage** | -20℃ |

| **Test Items** | **Specifications** | **Results** |
|---|---|---|
| **Purity by HPLC** | ≥99.0% | 99.91% |
| **Endotoxin** | ＜50.0EU/mg | Conforms |
| **Moisture content** | ≤10.0% | 4.8% |
| **Acetic acid content** | ≤15.0% | 12.1% |
| **Appearance** | White to off-white lyophilized powder | Conforms |
| **Quantity** | 141.0g | 141.0g |

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| **Certified by: QA** | Date | 05/01/2025 |

**Note: this product is intended for research use only; not for diagnostic or human use.**