

Certificate of Analysis

Ipamorelin GT-A010

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|--------------------|---|---------------------|-------------|
| Product Name : | Ipamorelin | CAS No. : | 170851-70-4 |
| Molecular Formula: | C ₃₈ H ₄₉ N ₉ O ₅ | Molecular Weight : | 712.03 |
| Quantity: | 74.5g | Manufacturing Date: | 2018-09-26 |
| Lot No: | P180911-A010 | Retest Date : | 2020-09-26 |
| Sequence | Aib-His-D-2-Nal-D-Phe-Lys-NH ₂ | | |
| Store at : | Cool dry place(2-8°C, away from the light) | | |

| Tests : | Specifications | Results |
|------------------------------|----------------|----------|
| Appearance | White powder | Conforms |
| Purity(HPLC) | ≥98% | 99.65% |
| Single Impurity (HPLC) | ≤1.0% | Conforms |
| Acetate Content(HPLC) | ≤15.0% | 10.2% |
| Peptide Content (N%) | ≥80.0% | 84.5% |
| Water Content (Karl Fischer) | ≤10.0% | 3.5% |
| MS (ESI) | Conforms | Conforms |
| Mass Balance | 95.0~105.0% | Conforms |

Conclusion: Complies with the manufacturer's standard.

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|----------------------|---------------|------------|
| Quality Control by : | Keshuang Wang | 2018-0926 |
| Quality Assured by | Yiming Cheng | 2018-09-26 |

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant.
 - 2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.
 - 3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.
It is NOT a drug or a controlled substance.
 - 4) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- The Material is NON-HAZARDOUS
For Laboratory Research Use Only