

CERTIFICATE OF ANALYSIS

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|---------------------------|--|--------------------------|-------------|
| Product Name: | Melanotan II | CAS Number: | 121062-08-6 |
| Molecular Formula: | C ₅₀ H ₆₉ N ₁₅ O ₉ | Molecular Weight: | 1023.55 |
| Quantity: | 10 mg | Date of Analysis: | 2024-12-22 |
| Storage: | Cool, dry place | Retest Date: | 2026-12-22 |

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| Sequence: | Ac-Nle-Asp-His-Arg-Trp-d-Phe-Lys-NH ₂ |
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| Tests | Specifications | Results |
|------------------------------|----------------|----------|
| Appearance | White powder | Conforms |
| Purity (HPLC) | ≥98.0% | 99.9% |
| Acetate Content (HPLC) | N/A | N/A |
| Peptide Content (N%) | ≥80.0% | 84.7% |
| Water Content (Karl Fischer) | N/A | N/A |
| MS (ESI) | Conforms | Conforms |
| Mass Balance | 95.0~105.0% | Conforms |

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| Conclusion: | Complies with the manufacturer's standard. |
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DISCLAIMER:

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant material.
- 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.
- 4) It is NOT a drug or a controlled substance.
- 5) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- 6) The material is NON-HAZARDOUS.