



Certificate of Analysis

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|---------------------------------|---|------------------|--------------|
| Product Name | Melanotan II | CAS No. | 121062-08-6 |
| Molecular Formula | C50H69N15O9 | Molecular Weight | 1024.18 |
| Batch No. | XR23112901-1 | Date of Mfg | Jan 21,2024 |
| Reference Standard | Enterprise Standard | Retest Date | Jan 20,2026 |
| 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) | < 8.0% | | 3.50% |
| Acetic Acid | < 15.0% | | 9.87% |
| Trifluoroacetic Acid | < 0.5% | | Not Detected |
| Peptide Purity (By HPLC) | > 98.0% | | 99.34% |
| Related Substance (By HPLC) | Total Impurities(%) < 2.0% | | 0.66% |
| | Largest Single Impurity(%) < 1.0% | | 0.19% |
| Bacterial Endotoxins | <10EU/mg | | Conform |
| Assay | > 85.0% | | 85.71% |
| Conclusion | This batch meets the internal standards of the enterprise and is qualified. | | |

Note: This product is for research or production use only.