

# Certificate of Analysis

**Product Name :** Melanotan II acetate salt  $\geq 95\%$  (HPLC)  
**Product Number :** M8673-5MG  
**Batch Number :** 000009647  
**Source Batch :** 000009516  
**CAS Number :** 121062-08-6 (free base)  
**Storage Temperature :** Freezer -20°C  
**Molecular Formula :**  $C_{50}H_{69}N_{15}O_9 \cdot xC_2H_4O_2$   
**Formula Weight :** 1024.18(free base basis)  
**Quality Release Date :** 20 MAY 2025

| Test               | Specification      | Result            |
|--------------------|--------------------|-------------------|
| Appearance (Color) | White to Off-White | White             |
| Appearance (Form)  | Lyophilized Solid  | Lyophilized Solid |
| Purity (HPLC)      | $\geq 94.5\%$      | 99.8 %            |
| Identity           | Confirmed          | Confirmed         |
| % Peptide content  | $\geq 60.0\%$      | 82.0 %            |

|             |            |          |
|-------------|------------|----------|
| 质保部主管: 朱如慧  | 复核员: 苗青    | 化验员: 刘子选 |
| QA manager: | Re-tester: | Analyst: |

