



## Certificate of Analysis

|                       |                    |                         |             |
|-----------------------|--------------------|-------------------------|-------------|
| <b>Product Name</b>   | Melanotan 1 powder | <b>Manufacture Date</b> | Jan.13.2023 |
| <b>Batch Number</b>   | SW230113           | <b>Analysis Date</b>    | Jan.14.2023 |
| <b>Batch Quantity</b> | 100kg              | <b>Expiry Date</b>      | Jan.13.2025 |

| ANALYSIS                      | SPECIFICATION | RESULT  |
|-------------------------------|---------------|---------|
| <b>Appearance</b>             | White powder  | Conform |
| <b>Loss on Drying</b>         | ≤0.50%        | 0.36%   |
| <b>Residue on Ignition</b>    | ≤ 0. 10%      | 0.07%   |
| <b>Heavy Metals</b>           | ≤10ppm        | <10ppm  |
| <b>Max Single Impurity</b>    | ≤0.10%        | Conform |
| <b>Total Impurities</b>       | ≤0.20%        | 0. 16%  |
| <b>Melting Point</b>          | 73-77 °C      | 75 °C   |
| <b>Moisture Content</b>       | ≤0.20%        | 0. 15%  |
| <b>As</b>                     | ≤1.0ppm       | Conform |
| <b>Cr</b>                     | ≤1.0ppm       | Conform |
| <b>Pb</b>                     | ≤3.0ppm       | Conform |
| <b>Hg</b>                     | ≤1.0ppm       | Conform |
| <b>Microbiological Tests</b>  |               |         |
| <b>Total Plate Count</b>      | ≤5000cfu/g    | Conform |
| <b>Total Yeast &amp; Mold</b> | ≤500cfu/g     | Conform |
| <b>Assay (HPLC)</b>           | 98.0%         | 99.45%  |

|                            |   |
|----------------------------|---|
| <b>Packing description</b> | Sealed export grade drum & double of sealed plastic bag             |
| <b>Storage</b>             | Store in a cool and dry place, stay away from strong light and heat |
| <b>Shelf life</b>          | 2 years when properly stored  |

Quality Assurance Officer



Corrector

Analyst