

## CERTIFICATE OF ANALYSIS

|                             |                                                                     |                           |                        |
|-----------------------------|---------------------------------------------------------------------|---------------------------|------------------------|
| <b>Product Name:</b>        | Organic Maca Powder                                                 | <b>Country of Origin:</b> | China                  |
| <b>Botanical Name:</b>      | <i>Lepidium meyenii Walp</i>                                        | <b>Batch Number:</b>      | KHMK220516             |
| <b>Plant Part Used:</b>     | Root                                                                | <b>Manufacture Date:</b>  | MAY, 16, 2022          |
| <b>Quantity:</b>            | 500kg                                                               | <b>Expiry Date:</b>       | MAY, 15, 2024          |
| <b>ITEM</b>                 | <b>SPECIFICATION</b>                                                | <b>RESULTS</b>            | <b>TESTING METHOD</b>  |
| <b>PHYSICAL CONTROL</b>     |                                                                     |                           |                        |
| Assay                       | 4:1                                                                 | Complies                  | TLC                    |
| Appearance                  | Brown yellow powder                                                 | Complies                  | Organoleptic           |
| Odor                        | Characteristic                                                      | Complies                  | Organoleptic           |
| Sulphated Ash               | ≤5%                                                                 | 2.24%                     | Eur.Ph. <2.4. 16>      |
| Loss on drying              | ≤9%                                                                 | 3.21%                     | Eur.Ph. <2.8. 17>      |
| Sieve Analysis              | 98% pass 80 mesh                                                    | Complies                  | Eur.Ph. <2.9. 12>      |
| Bulk density                | ≥0.43g/ml                                                           | 0.40g-0.65/ml             | Eur.Ph. <2.9.34>       |
| <b>CHEMICAL CONTROL</b>     |                                                                     |                           |                        |
| Heavy Metals                | ≤10ppm                                                              | Complies                  | Eur.Ph. <2.2.58>ICP-MS |
| Arsenic(As)                 | ≤2 ppm                                                              | Complies                  | Eur.Ph. <2.2.58>ICP-MS |
| Solvents Residue            | Meet Eur.Ph. <2.4.24                                                | Complies                  | Eur.Ph. <2.4.24>       |
| Pesticides Residue          | Meet Eur.Ph. <2.8. 13>                                              | Complies                  | Eur.Ph. <2.8. 13>      |
| <b>MICROBIOLOGY CONTROL</b> |                                                                     |                           |                        |
| Total Plate Count           | ≤10000 cfu/g                                                        | Complies                  | Eur.Ph. <2.6. 12>      |
| Yeast & Mold                | ≤1000 cfu/g                                                         | Complies                  | Eur.Ph. <2.6. 12>      |
| E.Coli                      | Negative                                                            | Complies                  | Eur.Ph. <2.6. 13>      |
| Salmonella                  | Negative                                                            | Complies                  | Eur.Ph. <2.6. 13>      |
| <b>CONCLUSION</b>           | Conform with specification                                          |                           |                        |
| <b>Storage</b>              | Stored in dry and cool place, keep away from strong light and heat. |                           |                        |
| <b>Packing</b>              | 25kg/barrel, double plastic-bag inside, fiber drum outside,         |                           |                        |
| <b>Shelf life</b>           | Two years when properly stored                                      |                           |                        |

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Quality Assurance Officer



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Quality Control