

# BaseBulk

## CERTIFICATE OF ANALYSIS

|                         |                      |
|-------------------------|----------------------|
| <b>Product Name</b>     | Lycium Fruit Extract |
| <b>Botanical name</b>   | Lycium barbarum L.   |
| <b>Part used</b>        | Seeds                |
| <b>Batch No.</b>        | L20230411            |
| <b>Manufacture date</b> | 2023/04/11           |
| <b>Issue date</b>       | 2023/04/12           |
| <b>Expiry date</b>      | 2026/04/10           |
| <b>Shelf life</b>       | 3 years              |

### Physical & Chemical Characteristics

| Analysis Item       | Specification       | Result   |
|---------------------|---------------------|----------|
| Appearance          | Brown yellow powder | Conforms |
| Odor & Taste        | Characteristic      | Conforms |
| Identification      | Positive            | Conforms |
| Ratio               | 5:1                 | Conforms |
| Particle size       | 95% pass 80 mesh    | Conforms |
| Loss on drying      | ≤5.0%               | 3.32%    |
| Residue on ignition | ≤10.0%              | 4.08%    |
| Bulk density        | 0.3–0.6 g/ml        | Conforms |
| Tapped density      | 0.5–0.9 g/ml        | Conforms |

### Heavy Metals

| Analysis Item        | Specification | Result   |
|----------------------|---------------|----------|
| Heavy metals (total) | NMT 10 ppm    | <10 ppm  |
| Lead (Pb)            | NMT 3 ppm     | <3 ppm   |
| Arsenic (As)         | NMT 2 ppm     | <2 ppm   |
| Mercury (Hg)         | NMT 0.1 ppm   | <0.1 ppm |
| Cadmium (Cd)         | NMT 1 ppm     | <1 ppm   |

**Microbiological Tests**

| <b>Analysis Item</b> | <b>Specification</b> | <b>Result</b> |
|----------------------|----------------------|---------------|
| Total plate count    | NMT 10,000 CFU/g     | <1,000 CFU/g  |
| Total yeast & mold   | NMT 1,000 CFU/g      | <100 CFU/g    |
| E. coli              | Negative             | Negative      |
| Salmonella           | Negative             | Negative      |
| Staphylococcus       | Negative             | Negative      |

**General Status**

|                 |
|-----------------|
| Non-GMO         |
| Allergen Free   |
| Non-Irradiation |

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