



# Xi'an DN Biology Co.,Ltd

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## Certificate of Analysis

|                  |                          |                    |                |
|------------------|--------------------------|--------------------|----------------|
| Product Name     | Maitake Mushroom Extract | Batch No.          | DN-HSH20240624 |
| Botanical Source | <i>Grifola frondosa</i>  | Manufacturing Date | 2024-06-24     |
| Plant Part       | Fructification           | Expiration Date    | 2027-06-25     |

| Item                                | Specification              | Result         | Method             |
|-------------------------------------|----------------------------|----------------|--------------------|
| <b>Assay</b>                        | Beta- glucan 30%           | 32.01%         | UV                 |
| <b>Physical &amp; Chemical Data</b> |                            |                |                    |
| Appearance                          | Brown Yellow Fine Powder   | Conforms       | Organoleptic       |
| Odor & Taste                        | Characteristic             | Conforms       |                    |
| <b>Analytical Quality</b>           |                            |                |                    |
| Identification                      |                            | Identical      | TLC                |
| Sieve                               | NLT 95% Through 80 mesh    | Conforms       | Mesh Screen        |
| Extract Solvent                     | Ethanol & Water            | Conforms       |                    |
| Loss on Drying                      | ≤5.0%                      | 3.11%          | CP2020             |
| Ash                                 | ≤5.0%                      | 3.65%          | CP2020             |
| Bulk Density                        | 0.30~0.70g/ml              | Conforms       | CP2020             |
| <b>Pesticide Residue</b>            |                            |                |                    |
| BHC                                 | ≤0.2ppm                    | Conforms       | GC-MASS            |
| DDT                                 | ≤0.2ppm                    | Conforms       | GC-MASS            |
| PCNB                                | ≤0.1ppm                    | Conforms       | GC-MASS            |
| <b>Total Heavy Metals</b>           | ≤10ppm                     | Conforms       | Colorimetry        |
| Arsenic(As)                         | ≤2ppm                      | Conforms       | AAS                |
| Lead(Pb)                            | ≤2ppm                      | Conforms       | AAS                |
| Mercury(Hg)                         | ≤0.1ppm                    | Conforms       | AAS                |
| Cadmium(Cd)                         | ≤1ppm                      | Conforms       | AAS                |
| <b>Microbiological Tests</b>        |                            |                |                    |
|                                     | Irradiation                | Non irradiated |                    |
| Total Plate Count                   | ≤1000cfu/g                 | ≤10000cfu/g    | Conforms<br>CP2020 |
| Yeast & Mold                        | ≤100cfu/g                  | ≤300cfu/g      | Conforms<br>CP2020 |
| E.Coli                              | Negative                   | Negative       | Negative<br>CP2020 |
| Salmonella                          | Negative                   | Negative       | Negative<br>CP2020 |
| Staphylococcus                      | Negative                   | Negative       | Negative<br>CP2020 |
| <b>Conclusion</b>                   | Conform with specification |                |                    |

Storage Cool & dry place.Do not freeze.Keep away from strong light and heat.

Shelf Life 36 months under the conditions above and in its original packaging.

Package In double sealed PP bags, 10/25kgs Drum.

Tested by: Mr Chen Date: 2024-06-28