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## Product Master Specification

|                            |                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------|
| Item Name                  | Shiitake Mushroom Fungus Fruiting Body Extract 40% Polysaccharides 15% Beta-Glucans ~8:1-10:1 (Lentinus edodes) |
| Product Code               | <b>NIGEHER1357792</b>                                                                                           |
| Product Type               | Herbal Extracts                                                                                                 |
| Issue Date                 | <b>17-Aug-2026</b>                                                                                              |
| Version                    | <b>V01</b>                                                                                                      |
| QA Status                  | Final Approved                                                                                                  |
| Intended use               | Food use                                                                                                        |
| Test                       | Specification                                                                                                   |
| Organoleptic               |                                                                                                                 |
| Appearance                 | Light brown powder                                                                                              |
| Odour and Taste            | Characteristic                                                                                                  |
| Latin Name                 | Lentinus edodes                                                                                                 |
| Parts Used                 | Fruiting body                                                                                                   |
| Assay                      | Beta-glucan >15%                                                                                                |
| Irradiation                | Free                                                                                                            |
| GMO                        | Free                                                                                                            |
| BSE/TSE                    | Free                                                                                                            |
| Particle Size              | 95% pass 80 mesh                                                                                                |
| Loss on drying             | <7%                                                                                                             |
| Ash                        | <9%                                                                                                             |
| Heavy Metals               |                                                                                                                 |
| Lead (Pb)                  | ≤ 1.00 ppm                                                                                                      |
| Arsenic (As)               | ≤ 1.00 ppm                                                                                                      |
| Cadmium (Cd)               | ≤ 1.00 ppm                                                                                                      |
| Mercury (Hg)               | ≤ 0.10 ppm                                                                                                      |
| Microbiological            |                                                                                                                 |
| Total Plate Count          | <10,000cfu/g                                                                                                    |
| Yeast and Mould            | <100cfu/g                                                                                                       |
| Coliforms                  | Negative                                                                                                        |
| Escherichia coli (E. coli) | Not detected / g                                                                                                |
| Salmonella                 | Not detected / 25g                                                                                              |
| Staphylococcus aureus      | Negative                                                                                                        |
| Storage & Handling         |                                                                                                                 |

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| <b>Storage</b>                                              | Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.                                                                                                                                                                                                  |
| <b>Preparation and/or handling before use or processing</b> | Please ask our QA department for detailed instructions                                                                                                                                                                                                                                        |
| <b>Transportation</b>                                       | Transportation suitable for dried food powders                                                                                                                                                                                                                                                |
| <b>Packaging</b>                                            | All packaging meets EU regulations                                                                                                                                                                                                                                                            |
| <b>Shelf Life</b>                                           | 3 years from manufacture if stored according to conditions above                                                                                                                                                                                                                              |
| <b>Approved by</b>                                          | Quality Department                                                                                                                                                                                                                                                                            |
| <b>Signed By</b>                                            | Shehara Premachandra                                                                                                                                                                                                                                                                          |
| <b>Disclaimer</b>                                           | All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.                                                                                    |
| <b>Template Version</b>                                     | NGEMNSPEC202408a                                                                                                                                                                                                                                                                              |
| <b>Nutritional (Typical) / 100g</b>                         |                                                                                                                                                                                                                                                                                               |
| <b>General Information</b>                                  | While Nutraceuticals Group strives to provide comprehensive information about all ingredients, the specific nutritional data for this product is currently not available. We recommend conducting further analysis if precise nutritional information is required for your product labelling. |