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## Product Master Specification

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|-----------------------------------|--|
| <b>Item Name</b>                  | <b>Reishi Mushroom Fungus Fruiting Body Extract 30% Polysaccharides 5% Beta Glucan 2% Triterpenes ~10:1-12:1 (Ganoderma lucidum) Organic</b> |
| <b>Product Code</b>               | <b>NIGEHER1357724-SAORG</b>  |
| <b>Product Type</b>               | Herbal Extracts  |
| <b>Issue Date</b>                 | <b>10-Jun-2026</b>   |
| <b>Version</b>                    | <b>V01</b>   |
| <b>QA Status</b>                  | Final Approved   |
| <b>Intended use</b>               | Food use   |
| <b>Test</b>                       | Specification  |
| <b>Organoleptic</b>               |  |
| <b>Appearance</b>                 | Brown Fine powder  |
| <b>Odour and Taste</b>            | Characteristic   |
| <b>Latin Name</b>                 | Ganoderma lucidum  |
| <b>Parts Used</b>                 | Fruiting body  |
| <b>Method of production</b>       | Hot water Extraction   |
| <b>Extract Ratio</b>              | 10:1 – 12:1 (for reference, varies)  |
| <b>Assay</b>                      | Standardized to 30% polysaccharides, 5% Beta Glucan and 2% triterpens  |
| <b>Irradiation</b>                | Free   |
| <b>GMO</b>                        | Free   |
| <b>BSE/TSE</b>                    | Free   |
| <b>Physical/Chemical</b>          |  |
| <b>Particle Size</b>              | 100% trough mesh 100   |
| <b>Bulk Density</b>               | 49g/100ml  |
| <b>Heavy Metals</b>               |  |
| <b>Heavy Metals Total</b>         | ≤ 10.00 ppm  |
| <b>Lead (Pb)</b>                  | ≤ 3.00 ppm   |
| <b>Arsenic (As)</b>               | ≤ 1.00 ppm   |
| <b>Cadmium (Cd)</b>               | ≤ 1.00 ppm   |
| <b>Mercury (Hg)</b>               | ≤ 0.10 ppm   |
| <b>Microbiological</b>            |  |
| <b>Total Plate Count</b>          | <1000 cfu/g  |
| <b>Yeast and Mould</b>            | <100 cfu/g   |
| <b>Escherichia coli (E. coli)</b> | Absent   |
| <b>Salmonella</b>                 | Absent   |

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| <b>Staphylococcus aureus</b>                                | Absent   |
| <b>Storage &amp; Handling</b>                               |  |
| <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>   | 2 years from manufacture if stored according to conditions above   |
| <b>Approved by</b>  | Quality Department   |
| <b>Signed By</b>  | Leena Saikumar   |
| <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   |