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## Product Master Specification

<b>Item Name</b>	<b>Lions Mane Mushroom Fungus Fruiting Body Extract 30% Polysaccharides ~8:1-10:1 (Hericium erinaceus) Organic</b>
<b>Product Code</b>	<b>NIGEHER025221-SAORG</b>
<b>Product Type</b>	Herbal Extracts
<b>Issue Date</b>	<b>08-May-2026</b>
<b>Version</b>	<b>V03</b>
<b>QA Status</b>	Final Approved
<b>Intended use</b>	Food use
<b>Test</b>	Specification
<b>Organoleptic</b>	
<b>Appearance</b>	Brown-yellow fine powder
<b>Odour and Taste</b>	Characteristic / umami
<b>Characteristics</b>	
<b>Organic Status</b>	Organic certified
<b>Latin Name</b>	Hericium erinaceus
<b>Parts Used</b>	Fruiting body
<b>Method of production</b>	Hot water extraction
<b>Identification</b>	HPTLC
<b>Active Ingredients</b>	Polysaccharides
<b>Extract Ratio</b>	8:1 - 10:1 (indicative)
<b>Assay</b>	Polysaccharides: ≥ 30%
<b>Irradiation</b>	Free
<b>GMO</b>	Free
<b>BSE/TSE</b>	Free
<b>Physical/Chemical</b>	
<b>Particle Size</b>	100% through 100 mesh
<b>Loss on drying</b>	≤ 7.00 %
<b>Ash</b>	≤ 9.00 %
<b>Heavy Metals</b>	
<b>Heavy Metals Total</b>	≤ 1.50 ppm
<b>Lead (Pb)</b>	≤ 0.20 ppm
<b>Arsenic (As)</b>	≤ 0.10 ppm
<b>Cadmium (Cd)</b>	≤ 0.10 ppm
<b>Mercury (Hg)</b>	≤ 0.01 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>	Negative
<b>Salmonella</b>	Negative
<b>Staphylococcus aureus</b>	Negative
<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>	4 years from manufacture if stored according to conditions above
<b>Approved by</b>	Quality Department
<b>Signed By</b>	Teri Sims
<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>	Please note this is a guide only from analytical data from labs or the manufacturer of the product. Nutraceuticals accept no responsibility for any inaccuracies in the data. We strongly suggest if using this data for labelling / pack artwork you analyse your finished product to verify nutritional data.
<b>Energy (Kcal)</b>	290 kcal
<b>Energy (KJ)</b>	1115 kJ
<b>Protein</b>	12.6 g
<b>Total Carbohydrates</b>	47.6 g
<b>of which Sugars</b>	1.9 g
<b>Total fat</b>	0.3 g
<b>of which Saturates</b>	0.1 g
<b>Dietary Fiber</b>	25.5 g
<b>Salt (as sodium)</b>	0.02 g
<b>Moisture</b>	4.6 g
<b>Ash</b>	5.62 g