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## Product Master Specification

<b>Item Name</b>	<b>Jiaogulan (Immortality Herb) Whole Herb Powder (Gynostemma pentaphyllum) Heat Treated</b>
<b>Product Code</b>	<b>NIGEHER1357387</b>
<b>Product Type</b>	Herbal Powders
<b>Issue Date</b>	<b>14-May-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>Characteristics</b>	
<b>Latin Name</b>	Gynostemma pentaphyllum
<b>Parts Used</b>	Whole herb
<b>Irradiation</b>	Free
<b>GMO</b>	Free
<b>BSE/TSE</b>	Free
<b>Physical/Chemical</b>	
<b>Particle Size</b>	95% pass 40-60 mesh
<b>Loss on drying</b>	≤12.0%
<b>Ash</b>	≤10.0%
<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>	≤ 1.00 ppm
<b>Microbiological</b>	
<b>Total Plate Count</b>	≤500,000cfu/g
<b>Yeast and Mould</b>	≤50,000cfu/g
<b>Coliforms</b>	≤10cfu/g
<b>Escherichia coli (E. coli)</b>	≤10cfu/g
<b>Salmonella</b>	Not detected / 25g

<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>	1 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