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## Product Master Specification

Item Name	Gum Acacia (Gum Arabic) Soluble Fibre Powder (Acacia spp.) Organic
Product Code	NIGEEMU1001111-SAORG
Product Type	Emulsifiers
Issue Date	03-Jun-2026
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Brown to dark
Characteristics	
Irradiation	Free
GMO	Free
BSE/TSE	Free
Product Specific Test	
Dietary Fibre	≥ 90%
Physical/Chemical	
Particle Size	≤ 15% through 63 µm
Colour of Solution	Brown to black (25% solution)
Moisture	≤ 10%
Ash	≤ 4%
pH	4.1 - 4.8 (25% solution)
Acid Insolubles	≤ 0.5%
Heavy Metals	
Heavy Metals Total	≤ 5.00 ppm
Lead (Pb)	≤ 0.10 ppm
Arsenic (As)	≤ 0.50 ppm
Cadmium (Cd)	≤ 0.10 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	≤1000cfu/g
Yeast	≤100cfu/g
Mould	≤100cfu/g

<b>Escherichia coli (E. coli)</b>	Not detected / 5g
<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</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>	Alfie Edwards
<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</b>	100 - 200 kcal
<b>Protein</b>	2.50 g/100 g
<b>Total Carbohydrates</b>	0.00 g/100 g
<b>Total fat</b>	0.00 g/100 g
<b>Dietary Fiber</b>	80 - 85 g/100g
<b>Sodium</b>	50 - 70 mg/100g
<b>Moisture</b>	NMT 10g/100g
<b>Ash</b>	NMT 4g/100g
<b>Potassium</b>	200 - 900 mg/100g
<b>Calcium</b>	500 - 1200 mg/100g
<b>Magnesium</b>	100 - 300 mg/100g