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Product Master Specification

Item Name	**Chia Seed Fibre 50% Fibre 20% Protein (Salvia hispanica) Vegan**
Product Code	NIGEFIB1000945
Product Type	Fibers
Issue Date	**11-Nov-2026**
Version	**V01**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Shades of beige
Odour and Taste	Chia, soft toasted flour
Characteristics	
Latin Name	Salvia hispanica
Irradiation	Free
GMO	Free
BSE/TSE	Free
Total protein	≥ 20.0 %
Total fibre	≥ 50.0 %
Total fat	≤ 12.0 %
Alpha Linolenic Acid	5.52 g/100g
Linoleic Acid	1.74 g/100g
Particle Size	≤ 400µm
Moisture	≤ 9.0 %
Foreign Matter	≤ 0.1 %
Heavy Metals	
Lead (Pb)	≤ 0.10 ppm
Arsenic (As)	≤ 0.10 ppm
Cadmium (Cd)	≤ 0.10 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	≤ 10,000 cfu/g
Yeast and Mould	≤ 100 cfu/g
Coliforms	≤ 10 cfu/g

Enterobacteriacae	≤ 10 cfu/g
Escherichia coli (E. coli)	Not detected / g
Salmonella	Not detected / 375g
Staphylococcus aureus	≤ 10 cfu/g
Bacillus cereus	≤ 10 cfu/g
Cl. perfringens	≤ 10 cfu/g
Total Aflatoxin	≤ 4.0 ppb
Ochratoxin A	≤ 1.0 ppb
Storage & Handling	
Storage	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
Preparation and/or handling before use or processing	Please ask our QA department for detailed instructions
Transportation	Transportation suitable for dried food powders
Packaging	All packaging meets EU regulations
Shelf Life	2 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Shehara Premachandra
Disclaimer	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.
Template Version	NGEMNSPEC202408a
General Information	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.
Energy	180 kcal
Energy	753 kJ
Protein	24.70 g/100 g
Total Carbohydrates	56.90 g/100 g
Total Fat	9.03 g/100 g
of which Saturates	1.10 g/100 g
of which Monounsaturates	0.65 g/100 g
of which Polyunsaturates	7.27 g/100 g
Soluble Fiber	5.80 g/100 g
Insoluble Fiber	50.20 g/100 g
Total Dietary Fiber	56.00 g/100 g
Moisture	4.70 g/100 g
Ash	4.70 g/100 g
Alanine	1.21 g/100 g
Arginine	2.40 g/100 g
Aspartic Acid	2.06 g/100 g
Glycine	1.08 g/100 g
Histidine	0.65 g/100 g
Isoleucine	0.88 g/100 g
Leucine	1.57 g/100 g
Lysine	1.16 g/100 g
Methionine	0.76 g/100 g

Phenylalanine	1.22 g/100 g
Proline	0.96 g/100 g
Serine	1.34 g/100 g
Threonine	0.89 g/100 g
Tryptophan	0.30 g/100 g
Tyrosine	0.79 g/100 g
Valine	1.11 g/100 g
Calcium	890.0 mg/100 g
Sodium	2.8 mg/100 g
Zinc	5.4 mg/100 g
Potassium	830.0 mg/100 g
Phosphorous	930.0 mg/100 g
Magnesium	410.0 mg/100 g