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Product Master Specification

Item Name	Millet Seed Extract 4:1 (Proso) (Panicum miliaceum l)
Product Code	NIGEHER027141
Product Type	Herbal Extracts
Issue Date	09-Dec-2024
Version	V02
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Light-brown, brown fine powder
Odour and Taste	Characteristic
Characteristics	
Latin Name	Panicum miliaceum L.
Parts Used	Fruit/Seed
Method of production	Extraction Solvent: Water Excipients: Maltodextrin
Identification	Positive - TLC and/or botanical identification
Extract Ratio	4:1
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Particle Size	≥ 90% through sieve nr.500
Bulk Density (Tapped)	About 0.5 g/ml
Loss on drying	≤ 5.00 %
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 3.00 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	< 50,000 cfu/g
Yeast and Mould	< 500 cfu/g
Enterobacteriaceae	< 100 cfu/g

Escherichia coli (E. coli)	Not detected/g
Salmonella	Not detected/25g
Aflatoxin B1	≤ 5.00 ppb
Aflatoxin (B1, B2, G1, G2)	≤ 10.00 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	3 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Emma Elrington
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.
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