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Product Master Specification

Item Name	Maltodextrin (Maize) 18-20 DE (Zea mays) Instant Grade
Product Code	NIGECER1100813
Product Type	Cereals
Issue Date	09-Jun-2026
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	White powder
Odour and Taste	Neutral odour, slightly sweet taste
Characteristics	
Latin Name	Zea mays
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Particle Size	Residue on 500 µm: 5 % max. Residue on 200 µm: 65 % approx. Residue on 40 µm: 95 % min.
Loss on Drying	≤ 5.00% (w/w)
Protein	≤ 0.15% (N6, 25) (w/w)
Sulphated Ash	≤ 0.1% (w/w)
SO2	10 mg/kg max
Dextrose Equivalent	18.0 - 19.9 %(w/w)
Solubility	NLT 98%
Heavy Metals	
Lead (Pb)	≤ 0.20 ppm
Arsenic (As)	≤ 0.20 ppm
Cadmium (Cd)	≤ 0.10 ppm
Mercury (Hg)	≤ 0.02 ppm
Microbiological	
Total Plate Count	< 1,000 cfu/g
Yeast	< 50 cfu/g

Mould	< 50 cfu/g
Enterobacteriaceae	< 10 cfu/g
Escherichia coli (E. coli)	Not detected / g
Salmonella	Not detected / 25g
SRA Spores	< 10 cfu/g
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	5 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Alfie Edwards
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
Nutritional (Typical) / 100g	
General Information	While Nutraceuticals Group strives to provide comprehensive information about all ingredients, the specific nutritional data for this product is currently not available. We recommend conducting further analysis if precise nutritional information is required for your product labelling.