

**Shepcote Distributors Ltd**

Pexton Road
Kelleythorpe Industrial Estate,
Driffield
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Tel: 01377 252537
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Product Specification**Nutridex Maltodextrin 25kg****Definition :**

Definition	: A Non GMO, maltodextrin which is processed from corn syrup. It is a pure nutritive food ingredient. It complies to the Food Chemical Codex and to the European Pharmacopeia monographs on Maltodextrin
Product Code	: ND
Country of origin	: Romania origin
Source of origin	: Vegetable origin, dent corn
Chemical Name of Product & Formula	: Carbohydrate / Maltodextrin & $C_{6n}H_{(10n+2)}O_{(5n+1)}$

General Characteristics

Appearance	: Solid, powder
Taste	: No off-taste
Odor	: No off-odor
Color	: White
Solubility in water (g / 100ml)	: min.98%

Analysis

Identification	Value	Method
Loss on drying (%)	Max.5	Oven Method
Ph	4.0 - 5.5	pH-meter, 50% DS
SO ₂ (ppm)	<10	Titrimetric method
Sulphated Ash (%)	< 0.1	Treatment with 2N, 0.1mL H ₂ SO ₄
Nutridex 18	17.0 - 20.0	Lane-Eynon
Bulk density (gr/lt) for powder	450 – 600	Free flowing volume

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Product Specification**Microbiology**

Analysis	Unit	Value	Method
Total count	n/g	<100	Filtration method
Yeasts	n/g	<50	Filtration method
Moulds	n/g	<50	Filtration method
Coliforms	n/g	Not detected	External lab.
E. Coli	n/g	Not detected	External lab.
Staphylococcus aureus	n/g	Not detected	External lab.
Salmonella	n/25g	Not detected	External lab.
Listeria monocytogenes	n/25g	Not detected	External lab.
Sulfite reducing clostridium	n/g	<10	External lab.
Enterobacteraceae	n/g	<10	External lab.
Bacillus cereus	n/g	<10	External lab.

Contaminant Information

Comply with the requirements of the Commission Regulation (EU) 2023/915 on the maximum levels of certain contaminants in food.

Heavy Metals

Analysis	Unit	Value	Method
Arsenic	ppm	< 0.1	External lab.
Lead	ppm	< 0.1	External lab.
Cadmium	ppm	< 0.1	External lab.
Mercury	ppm	< 0.1	External lab.

Mycotoxins

Analysis	Unit	Value	Method
Toplam Aflatoxin	ppb	< 4	External lab.
Aflatoxin B1	ppb	< 1	External lab.
Ochratoxin A	ppb	< 3	External lab.

Pesticides

Pesticides results must be acceptable according to national and international standards.

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Product Specification**GMO**

Maltodextrin is Non-GMO and according to EC regulation No. 1829/2003/EC and 1830/2003/EC, the product has a non-labelling status.

Allergens

Maltodextrin is Allergen free according to regulation (EU) 1169/2011.

Maltodextrin does not contain food additives, food colours, antioxidants, preservatives or material of animal origin.

Nutritional Information (for 100g)

Energy	380Kcal; 1615KJ
Total Carbohydrate	95g
Water	<5g
Protein	0g
Fiber (including dietary fiber)	0g
Ash	<0.1g
Fat, total	0g
Saturated	0g
Monounsaturated	0g
Polyunsaturated	0g
Trans fatty acid	0g
Sodium	N/A
Salt (Sodiumx2.5)	N/A
Cholesterol	N/A
Vitamins (A, C, D, etc.)	N/A
Minerals (Calcium, magnesium, etc.)	N/A

Storage

Maltodextrin is acceptably stable to air and heat, but it is hygroscopic. Keep package closed. Sealed bags should be stored in-doors under cool, dry conditions. Optimum storage and handling conditions are 25°C or lower and less than 60% relative humidity.

Shelf Life

24 months stored sealed under recommended conditions.

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Product Specification**Packaging**

PE sack

Usage Area

Food industries in basic food applications

Customer			
Name	Position	Signature	Date

Please sign and return a copy of this specification within two weeks of receipt. Failure to do so will be deemed as customer acceptance

Shepcote Distributors Ltd			
Name	Position	Signature	Date
Jurate Junduliene	Quality Manager		23.09.26

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