

PRODUCT SPECIFICATION - EU
EXBERRY® Shade Bright Green - MN Powder
GNT Product No. 23605003

EXBERRY® Shade Bright Green - MN Powder is a food with coloring properties (so called Coloring Food) and is manufactured from vegetables.

Due to the manufacturing process this product still delivers, to a considerable extent, the valuable properties and constituents of the raw material giving this product its characteristic taste and color.

Manufacturing

Manufactured from turmeric, spirulina

Processed with water, sucrose syrup, maltodextrin and citric acid

Physical and Chemical Properties

Moisture	< 10,0	%
pH of 10% solution	< 6,5	pH
Particle size D50	< 20,0	µm
Particle size D97	< 50,0	µm
Total acidity as citric acid, pH 8.1	< 20	g/kg

Microbiological Data

Total plate count aerobic	< 1000	cfu/g
Moulds	< 100	cfu/g
Yeasts	< 100	cfu/g
Escherichia coli	not detectable	cfu/g
Salmonella	not detectable	cfu/375g

General Appearance

Solubility	oil and water dispersible
Appearance	powder, micronized
Odor	no off-flavor
Taste	typical
Colour shade	green

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EXBERRY® Shade Bright Green - MN Powder .

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The information contained herein is, to the best of our knowledge and belief, accurate. It is not a representation or guarantee as to how this color may perform when incorporated in any particular medium, application, or finished product or at any point over the shelf life of any such finished product or beyond. Many factors can affect color performance and stability in a product including but not limited to storage and handling conditions, product formulation, packaging. In choosing colors and formulating products, it is the customer's responsibility to account for and control for these factors. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws and regulations.

Nutritional Data (average per 100 g)

Energy	1.570	kJ/100g
Energy	370	kcal/100g
Fat	0,5	g/100g
Of which saturates	0,15	g/100g
Carbohydrate	85,0	g/100g
Of which sugars	35,0	g/100g
Fibre	1,0	g/100g
Protein	5,0	g/100g
Salt (sodium × 2.5)	0,25	g/100g
Ash	1,00	g/100g

This product is not standardised on the above given nutritional values. Due to the nature of this product the nutritional composition can vary and therefore this data represents only typical average values. The product does deliver vitamins and minerals, but the level of those substances is neither significantly high nor standardised to a specific amount.

Transport Conditions

This product is suitable for ambient transport, however it is recommended that the period of time is controlled, ideally not exceeding 10 days. Any exposure to extreme conditions (for example high temperatures, direct sunlight etc) should be avoided.

Shelf Life and Storage Conditions

12 months dry and cooled at <25°C (77°F)

Shelf life is given as best use by date and applies to unopened and tightly sealed original containers.

Safety Data Sheet

The product is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP). A Safety Data Sheet is available on request.

GMO Status

This product does not contain, consist of, and has not been produced from raw materials originating from genetically modified organisms. This product is not subject to labelling according to the European Regulation (EC) No 1829/2003 and 1830/2003 (consolidated versions).

Irradiation

This product and its components have not been irradiated.

Novel Food

This product is not a novel food according to European Regulation (EU) 2015/2283 (consolidated version).

Nanotechnology

This product and its components are produced without the use of nanotechnology (according to European

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Regulation (EU) 2015/2283; consolidated version).

Vegetarians / Vegans

This product is suitable for vegetarians and vegans. The product does not contain any animal products / derivatives.

Dietetic Foods

The use of the above mentioned product for dietetic foods, such as foods for infants and young children etc., needs to be verified case by case.

Kosher Status

This product is kosher parve approved. A certificate is available upon request.

Halal Status

This product complies with the general guidelines for use of the term "halal" as laid down in Codex Alimentarius.

Pesticides / Mycotoxins / Heavy Metals

The product complies with the requirements of Regulation (EU) 2023/915 and Regulation (EC) No 396/2005 (consolidated versions).

Quality Assurance

The food safety management system at GNT is certified by a GFSI (Global Food Safety Initiative) recognized scheme. HACCP is an integral part of our management system.

Allergens

No presence of allergenic substances listed in Annex II of Regulation (EC) No 1169/2011.

Gluten

This product is gluten-free (< 20 ppm gluten) according to Regulation (EU) No 828/2014.

Customs Tariff Number

Please note that the customs tariff number in other countries might vary and that GNT International B.V. does not accept any responsibility/liability in this respect. The product is categorised to the following customs tariff number (EU): 32030010

Country of Origin

The Netherlands

Labelling and Regulatory Information

We herewith confirm that the above mentioned product is a Coloring Food (not selectively extracted according to Regulation (EC) No 1333/2008) complying with the "NATCOL Code of Practice for the Classification, Manufacturing, Use and Labelling of Colouring Foods (EU)".

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GNT recommends to label this product on the ingredient list of the final product within the EU as follows:

Coloring Food (concentrate of turmeric, spirulina) or Concentrate (turmeric, spirulina)

The components which are used in the processing of this product (listed as "processed with" within this product specification) are not required to be included in the ingredient list of the final product if they do not have a technological function within the final product. This is a case by case decision depending on the composition and dosage in the final product.

Development Status

This product is a new product resulting from our ongoing development program. This provisional specification is to assist in providing outline details, however it may prove necessary to amend certain parameters prior to final release, an updated copy will be provided if any such changes are introduced.

Product Handling

This product can be dosed in the final application on a quantum satis basis. To ensure homogeneity the product should be stirred or shaken prior to use. All handling should be according to good manufacturing practice to avoid the risk of any adverse effect to the product. Any product discharged should not be returned to the original container and part used containers should be re-sealed and stored according to the recommended conditions.

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