

**PRODUCT SPECIFICATION - EU****EXBERRY® Shade Grape Blue****GNT Product No. 181502**

EXBERRY® Shade Grape Blue 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 carrot

Processed with water, citric acid and invert sugar syrup

**Colouring Properties**

Colour strength at pH 3	540 - 660	
Lambda max in standard medium	520 - 530	nm

**Physical and Chemical Properties**

pH of 10% solution	< 3,5	pH
Dry matter	65,0 - 72,0	°Brix
Density	1,25 - 1,40	kg/l
Total acidity as citric acid, pH 8.1	< 80	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/25g

**General Appearance**

Solubility	water soluble
Appearance	liquid, homogeneous
Odor	fruity
Taste	fruity, slightly sour
Colour shade	bluish-red

EU Version 181502\_V7\_90-49036\_Printed: \_INT\_20251203

EXBERRY® Shade Grape Blue .

1

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	955	kJ/100g
Energy	225	kcal/100g
Fat	0,1	g/100g
Of which saturates	0,09	g/100g
Carbohydrate	45,0	g/100g
Of which sugars	35,0	g/100g
Fibre	1,5	g/100g
Protein	4,5	g/100g
Salt (sodium × 2.5)	1,15	g/100g
Ash	5,00	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**

9 months cooled at <10°C (50°F)

15 months deep frozen at -18°C (0°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**

EU Version 181502\_V7\_90-49036\_Printed: INT\_20251203

EXBERRY® Shade Grape Blue .

2

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.

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

EU Version 181502\_V7\_90-49036\_Printed: INT\_20251203

EXBERRY® Shade Grape Blue .

3

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.

Manufacturing, Use and Labelling of Colouring Foods (EU)".

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

Coloring Food (concentrate of carrot) or Concentrate (carrot)

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.

### **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.

**EU Version 181502\_V7\_90-49036\_Printed: \_INT\_20251203**

**EXBERRY® Shade Grape Blue .**

4

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.