

# PRODUCT SPECIFICATION

<b>product Name:</b>	<b>Beta Carotene</b>
<b>item number:</b>	10050
<b>Name of the food:</b>	food coloring beta carotene E 160 (iii)
<b>Product description:</b>	food coloring beta carotene of natural origin
<b>Pigment:</b>	beta carotene E 160a (iii)
<b>Recommended labeling:</b>	coloring beta-carotene or coloring E 160a(iii)
<b>Appearance:</b>	viscous, orange-yellow emulsion with a carrot-like odor
<b>Recommended dosage:</b>	depending on the desired shade and the respective product features: 0,15-0,5 : 1000 confectionery: 0,1-0,3 : 1000 ice cream: 0,2-0,5 : 1000 soft drinks: 0,1-0,3 : 1000
<b>Ingredients:</b>	water, modified starch, maltodextrin, vegetable oils (coconut, rapeseed) in varying proportions, sunflower oil, coloring (beta-carotene from Blakeslea trispora E 160a(iii)), antioxidant (alpha-tocopherol, fatty acid ester of ascorbic acid), acidifier citric acid, preservative potassium sorbate.
<b>Color content:</b>	1% +/-0,2
<b>Nutritional information in g/100g (calculated):</b>	energy: 624 kJ / 149 kcal fat (total): 7.8 saturated fat: 5.3 carbohydrates: 19.2 total sugar: 0.3 fiber: 0.1 protein: 0.1 salt: 0.076
<b>microbiological parameters:</b>	standard value aerobic, mesophilic total bacterial count in CFU/g < 10 <sup>4</sup> yeasts in CFU/g < 10 <sup>2</sup> molds in CFU/g < 10 <sup>2</sup>

**information on allergens according to regulation (EU) 1169/2011:**

none

**information on GMOs according to the european parliament regulations EG 1829/2003 and 1830/2003:**

No genetically engineered organisms are used during production changed production techniques are applied, and none are used raw materials used that are genetically modified. exempt of which is accidental or technically unavoidable contamination up to a threshold of 0.9% based on the single ingredient.

**information on nanotechnology and ionizing radiation:**

This product and its raw materials have not been irradiated or manufactured using nanotechnology.

**information on certain forms of nutrition:**

	<b>Possible?</b>	<b>Certificate available?</b>
kosher	yes	no
halal	yes	no
vegetarian	yes	
vegan	yes	

**storage conditions:**

upon receipt at +2 °C to +8 °C

**best before:**

12 months when stored as above in original sealed containers.  
Use up opened containers quickly or in portions freeze. Shake well after thawing.

**country of origin:**

Germany

**packaging:**

**10050-02-01**

0,5kg plastic bottles with spray cap, 12 bottles in a carton  
18 boxes per layer, 4 layers per pallet = 72 boxes

All previous versions hereby lose their validity and are replaced by this version. This specification is valid until recalled. It is not subject to any update service. The above mentioned information is based on our present knowledge and experience. Due to the abundance of possible influences during the use and application of our product this information does not relieve the user of conducting his own tests and experiments. A legally binding guarantee of certain properties or suitability for a specific application cannot be derived from this information. Slight deviations can arise in individual cases due to technical reasons, different provenances and the fluctuation margin of naturally raw material. On that account and in consequence of possible change in the law we cannot take responsibility for accuracy of statement.