

Lucarotin® B 1 CWD/Y

Chemical names of active ingredient

Beta-carotene, provitamin A

CAS-No. 7235-40-7

EINECS-No. 230-636-6

PRD-No.
30696909*

* The product is kosher.

Article

50571891 2 x 5 kg bag in box

Country of origin

Germany

Description

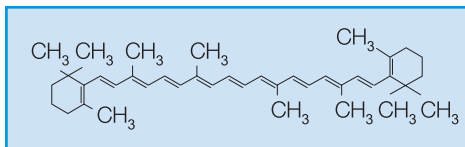
Free-flowing, low-dust, red-orange powder with a mild characteristic odor containing beta-carotene from *Blakeslea trispora* (B = *Blakeslea trispora*).

Composition

Ingredients in descending order of weight: glucose syrup, starch sodium octenyl succinate (E 1450), sunflower oil, sodium ascorbate (E 301), beta-carotene from *Blakeslea trispora* (E 160a), tocopherol-rich extract (E 306), tricalcium phosphate (E 341).

Solubility

The product can be scattered into stirred cold water, to obtain a fine dispersion (CWD = cold water dispersible) with a yellow color (Y = yellow).



$C_{40}H_{56}$

Molar mass 536.9 g/mol

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Specification

Assay Beta-Carotene min. 1.0 g/100 g

For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

Monographs

The active ingredient of Lucarotin® B 1 CWD/Y meets the requirements of the current 'Beta-Carotene from *Blakeslea trispora*' FCC and JEC-FA monograph.

Furthermore the active ingredient of Lucarotin® B 1 CWD/Y (E160a (iii)) complies with the EU Regulation laying down specifications for food additives.

Regulations

Beta-carotene is approved for use as a food colorant and as a provitamin A source in most countries. However, specific regulations on the ingredients used in the respective countries and for the intended use have to be observed.

Bulk density

0.5 – 0.65 g/ml

Stability

The product is stabilized with tocopherol-rich extract (E306) and sodium ascorbate (E301). Stored in its unopened original packaging at room temperature (max. 25 °C), it is stable for at least 36 months.

Storage/Handling

The product is sensitive to atmospheric oxygen, light, heat, and moisture. It should therefore be stored in the tightly sealed, lightproof packaging in a cool place. Once opened, it is recommended to use the remaining contents as quickly as possible.

Applications

Food products:

Lucarotin® B 1 CWD/Y is particularly suitable as a colorant in instant-drink powders, confectionery, candied fruit, biscuits, chewing gum, ice cream, custard powder, soup powders, pickle liquor, fermented milk products, etc., as well as fruit beverages and lemonades.

Note

Lucarotin® B 1 CWD/Y must be handled in accordance with the Safety Data Sheet.

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