

Lucarotin® 10 CWD F/R

BASF
The Chemical Company

Chemical names of active ingredient

Beta-carotene, provitamin A

CAS-No. 7235-40-7

EINECS-No. 230-636-6

PRD-No.
30167279*

* The product is kosher.

Article

50573434 25 kg bag in box

Country of origin

Denmark

Description

Free-flowing, dark-red powder with a mild characteristic odor, consisting of spherical particles with a uniform particle size. Some white starch particles may be visible.

Composition

Ingredients in descending order of weight: fish gelatin, sucrose, corn starch, beta-carotene, sodium ascorbate, tricalcium phosphate.

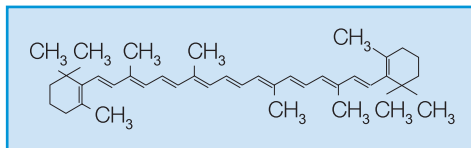
Solubility

The product can be dissolved in cold water (10 °C), to obtain an orange-red dispersion, which remains uniform for a long time (F/R = fish gelatin/red).

Specifications

Assay min. 10%

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



C₄₀H₅₆

Molar mass 536.9 g/mol

Monographs

The active ingredient of Lucarotin® 10 CWD F/R meets the requirements of the current "Beta-Carotene" Ph. Eur. monograph and "β-Carotene" monograph FCC 8 effective from June 1st 2012. Furthermore the active ingredient of Lucarotin® 10 CWD F/R (E160a (i)) 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

Approx. 0.6 g/ml

Stability

The product is stabilized with sodium ascorbate (E301). It is sensitive to humidity. Stored in its original packaging at room temperature (max. 25 °C), it is stable for at least 36 months.

Storage/Handling

In the original packaging at room temperature (max. 25 °C), in a dry place, protected from daylight.

Applications

Used in effervescent tablets, beverages, and other food and dietary supplement products.

Note

Lucarotin® 10 CWD F/R must be handled in accordance with the Safety Data Sheet.

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January 2013