

# LycoVit® Dispersion 10%

## Chemical name of active ingredient

Lycopene

**CAS-No.** 502-65-8

**EINECS-No.** 207-949-1

**PRD-No.**  
30264388\*

\* The product is kosher.

## Article

50508513 4 x 5 kg plastic pail

## Country of origin

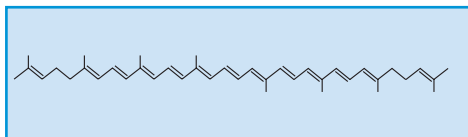
Germany

## Description

LycoVit® Dispersion 10% is a red-violet, oily dispersion containing microcrystalline lycopene in sunflower oil. No additional stabilizers are used in the production of the dispersion.

## Composition

Ingredients in descending order of weight: sunflower oil, lycopene (E 160d).



$C_{40}H_{56}$

Molar mass 536.9 g/mol

## Specification

Assay min. 10% lycopene

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

## Monographs

LycoVit® Dispersion 10% meets the requirements of the current USP (Lycopene preparation) monograph. The active ingredient of LycoVit® Dispersion 10% meets the requirements of the current USP (Lycopene) and JECFA (Lycopene (synthetic)) monographs. Furthermore the active ingredient of LycoVit® Dispersion 10% (E 160d(i)) complies with the EU regulation laying down specifications for food additives.

## Regulations

Lycopene is a conditionally approved food colorant and nutritional ingredient. Therefore, national regulations in the respective countries have to be observed.

### Stability

Stored in its unopened original packaging at room temperature (max. 25 °C), the product is stable for at least 48 months. As microcrystalline lycopene may sink to the bottom of the packaging during storage, the dispersion should always be stirred prior to use.

### Storage/Handling

The product is sensitive to atmospheric oxygen, light, heat, and moisture, and should therefore be stored under nitrogen in the tightly sealed original packaging in a cool place (8 – 15 °C). Once opened, it is recommended to use the remaining content as quickly as possible.

### Applications

In dietary supplements, the lycopene dispersion is used as an active ingredient in soft gelatin capsules.

Furthermore, it is suitable for the fortification of food and supplements, especially within oily preparations.

### Note

Lycovit® Dispersion 10% must be handled in accordance with the Safety Data Sheet.

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