

## CAROPHYLL<sup>®</sup> Red

### Description

CAROPHYLL Red consists of violet-red to red-violet, free-flowing particles. They contain canthaxanthin in a cornstarch-coated matrix of gelatin and carbohydrates. Ethoxyquin and ascorbyl palmitate are added as antioxidants.

### Product identification

**Product code:** 04 2924 4

**Chemical names:**  $\beta$ -carotene-4,4'-dione; 4,4'-diketo- $\beta$ -carotene

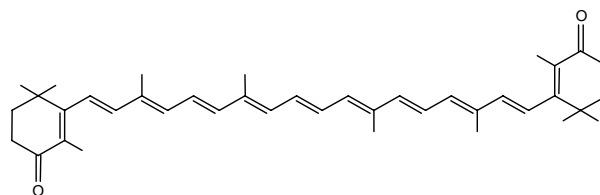
**Synonyms:** all-*trans*-canthaxanthin; canthaxanthin

**CAS No.:** 514-78-3

**EINECS:** 208-187-2

**Empirical formula:** C<sub>40</sub>H<sub>52</sub>O<sub>2</sub>

**Molecular mass:** 564.82 g/mol



### Specifications

**Appearance:** violet-red to red-violet, free-flowing particles

**Fineness (US standard sieves):**

100% through sieve No. 20

min. 90% through sieve No. 40

max. 15% through sieve No. 100

**Loss on drying:** max. 8%

**Canthaxanthin content:** min. 10%

### Stability and storage

CAROPHYLL Red is sensitive to air, heat, light and humidity. The product may be stored for 36 months from the date of manufacture in the unopened original container and at a temperature below 15 C. The 'best used before' date is printed on the label. Keep container tightly closed. Once opened, use contents quickly.

## Uses

As a feed additive for the pigmentation of egg yolks, table poultry, salmonids and crustaceans (where permitted by national legislation).

## Regulatory status

Generally approved for the intended use.

## Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.

## Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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