

H & A Health Products Inc.

3-180 Brodie Drive, Richmond Hill, Ontario, Canada L4B 3K8
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Product Information

Product Data Sheet

Canthaxanthin 10% CWS/S

Description

Canthaxanthin 10% CWS/S consists of free-flowing particles (beadlets). They contain Canthaxanthin finely dispersed in a Corn Starch-coated matrix of Modified Food Starch and Corn Oil. *dl*- α -Tocopherol is added as antioxidant. The product may contain white particles of Corn Starch.

Product identification

Product code: 50 0525 6

Chemical names: β -carotene-4,4'-dione; 4,4'-diketo- β -carotene

Synonyms: all-*trans*-canthaxanthin; canthaxanthin

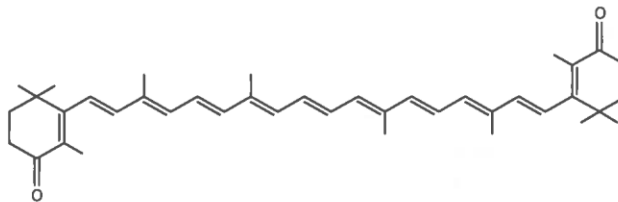
CAS No.: 514-78-3

EINECS No.: 208-187-2

E No.: E 161g

Empirical formula: $C_{40}H_{52}O_2$

Molecular mass: 564.82 g/mol



Specifications

Appearance:

free-flowing particles

Colour:

violet-brown

Fineness (US standard sieves):

- through sieve No. 20
- through sieve No. 40
- through sieve No. 100

100%
min. 85%
max. 15%

Loss on drying:

max. 8%

Microbiological purity:

- Total aerobic microbial count
- Total combined yeast/moulds count
- Enterobacteria
- Escherichia coli
- Salmonella spp.
- Staphylococcus aureus
- Pseudomonas aeruginosa

max. 10^3 CFU/g
max. 10^2 CFU/g
< 10 CFU/g
negative in 10 g
negative in 25 g
negative in 10 g
negative in 10 g

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Dispersibility

Canthaxanthin 10% CWS/S is dispersible in water, yielding orange-red to red colorations.

Stability and storage

Canthaxanthin 10% CWS/S is sensitive to air, heat, light and humidity. The product may be stored for 24 months from the date of manufacture in the unopened original container and at a temperature below 15°C. The 'best use before' date is printed on the label. Keep container tightly closed. Once opened, use contents quickly.

Uses

As an orange-red to red colouring agent for food, nutritional, and pharmaceutical preparations.

It is recommended that, whenever possible, first an aqueous dispersion of Canthaxanthin 10% CWS/S is prepared in either demineralized or treated water.

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 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.