

Product Data

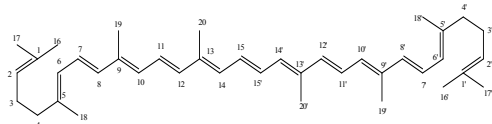
Lyconat[®] Lycopene 10% OS

Vitatene Product Code: LY100S

Lyconat[®] Lycopene 10% Oil Suspension consists of purified natural lycopene crystals suspended in sunflower oil. A very small amount of natural *d*-alpha tocopherol is added as an antioxidant. Lycopene is a carotenoid well known for its nutrient role in human health and well-being.

Lyconat[®] Lycopene 10% Oil Suspension is suitable for use in soft gelatin capsules and other dietary supplements.

Chemical Structure



$C_{40}H_{56}$

Molecular Wt: 536.85

CAS No: 502-65-8

EINECS: 207-949-1

Concentration

Lyconat[®] Lycopene 10% Oil Suspension may be particularly useful in formulas where lycopene is the featured ingredient. In addition to 10% Oil Suspension, other oil suspension concentrations are available.

Kosher & Halal

Lyconat[®] Lycopene products are certified Kosher and Halal.

Specifications

Appearance: reddish viscous oil
 Lycopene content: 10%, min.
 Spectrometry: max in hexane at 472 nm

Heavy Metals:

Lead: 1 ppm, max.
 Arsenic: 1 ppm, max.
 Mercury: 0.5 ppm, max.
 Cadmium: 0.1 ppm, max.

Microbiological Tests:

Total Plate Count 1,000 cfu/g, max.
 Yeast & Mould 100 /g, max.
 Coliforms 10 /g, max.
 E. coli Absent in 25 g.
 Salmonella Absent in 5 g.

Natural Source

Lyconat[®] Lycopene 10% Oil Suspension is made with lycopene produced naturally by careful cultivation of a naturally occurring fungus, *Blakeslea trispora*. Cultivation takes place in large-scale fermentors using food grade raw materials. The process does not involve genetic modification. Lyconat[®] Lycopene is produced in a cGMP facility with a Hazard Analysis & Critical Control Point program (HACCP). Plant and operational quality standards meet or exceed those required for ISO 9001:2000.

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Storage & Shelf-life

Shelf-life: 36 months in the original sealed container, stored dry and cool.

Lyconat[®] Lycopene 10% OS is sensitive to oxygen, heat and light.

Storage: Best stored in a tightly closed opaque container dry and at a temperature below 15°C. After opening, use contents quickly.

Packaging: 5 kilogram polyethylene pails.

Safe for Intended Use

Lyconat[®] Lycopene is intended for use in foods (including dietary supplements). It is Generally Recognized as Safe (GRAS) for selected applications. Vitatene notified FDA of the GRAS status (GRAS Notice 000173), and FDA replied that it had no questions about the GRAS determination.

Lyconat[®] Lycopene contains no animal-source materials.

Lyconat[®] Lycopene OS is approved for use as a nutrient in Europe under Commission Decision 2006/721/EC.

A Material Safety Data Sheet is available upon request or with shipments.

The information presented herein is based on our current knowledge, understanding and experience. Use is at your own risk. The user is responsible for precaution and tests. No liability is assumed by Vitatene for any product made with this material. Vitatene is not responsible for claims made by others. Attention and due diligence should be applied to assure compliance with applicable laws and regulations and/or appropriate observance of third party rights.

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