

Global Carotenoids Market – Products and Applications

“The report reviews, analyzes and projects the global market for Carotenoids for the period 2015-2024. Carotenoid types analyzed in this study include Astaxanthin, Canthaxanthin, Beta-Carotene, Lutein, Lycopene, Annatto and Others. End-use application markets for carotenoids covered in the report are Food & Beverages, Cosmetics, Dietary Supplements, Animal Feed and Pharmaceuticals.”

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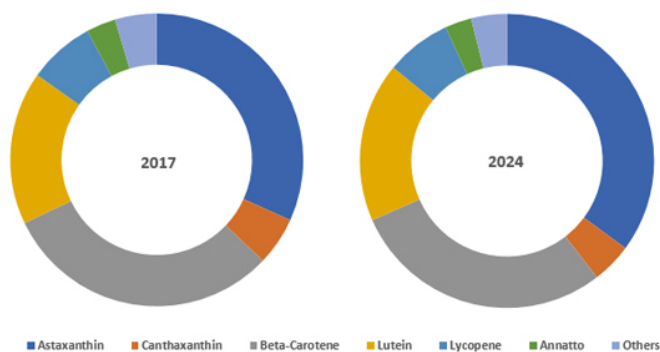
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Report Synopsis

Animal feed and food & beverage sectors are currently the largest markets for carotenoids globally. Carotenoids are used on a large scale in animal feeds, which is acting as the key growth driver of this market due to their high nutritive value and the pigmentation, which increases the palatability of the feed, in addition to enhancing the appearance of meat, meat products and fish. Growing awareness among consumers about benefits of carotenoids, greater emphasis on a healthy lifestyle and rising incidences of various diseases across the globe is driving the demand for carotenoids in dietary supplements and cosmetic industries.

Global demand for carotenoids by product is led by astaxanthin, estimated to account for about 32% in 2017, which is further projected to reach US\$772 million by 2024. Carotenoids worldwide market is anticipated to touch US\$1.5 billion in 2018.

Global Carotenoids Market by Product Type 2017-2024



Source: Industry Experts, Inc. <http://industry-experts.com>

Research Findings & Coverage

- Global Carotenoids market is analyzed in this report with respect to key product types and major applications
- The study exclusively analyzes the market of each product type and applications of Carotenoids by a major geographic region/country
- Intake of High Dietary Carotenoids Reduces the Risk of Advanced AMD

- Lutein and Zeaxanthin Isomers Beneficial In Ameliorating Effects of Blue Light Exposure
- Alpha Carotene Plays Critical Role in Metabolic Health
- Carotenoids to Harvest Solar Energy by Absorbing Blue/Green Lights
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 55
- The industry guide includes the contact details for 306 companies

Product Outline

The report analyzes the market for the following key product types of Carotenoids:

- Astaxanthin
- Canthaxanthin
- Beta-Carotene
- Lutein
- Lycopene
- Annatto
- Others

Major applications of Carotenoids analyzed in this study comprise the following:

- Food & Beverages
- Cosmetics
- Dietary Supplements
- Animal Feed
- Pharmaceuticals

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Carotenoids market for the period 2015-2024 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2017 through 2024

Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (Germany, France, Italy, Spain, The United Kingdom and Rest of Europe)
- **Asia-Pacific** (Australia, China, India, Japan, South Korea and Rest of Asia-Pacific)
- **Rest of World**

SAMPLE COMPANY PROFILE

ALGATECHNOLOGIES LTD. (ISRAEL)

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Business Profile

Algatechnologies Ltd is a leading commercial cultivator of microalgae that was established in 1998 and has considerable expertise in its chosen field of activity. The company has leadership standing in manufacturing and distributing AstaPure® branded premium natural astaxanthin, which forms a highly potent antioxidant that has been derived from the microalga, Haematococcus pluvialis. Algatechnologies’ location in the Arava desert of Israel, having a stable climate and high light intensity, places it ideally in its endeavor of cultivating algae. The company’s astaxanthin production involves a novel process, whereby the final product AstaPure® is supplied to the cosmetic, food & beverage and nutrition sectors. Algatechnologies has a worldwide presence, with the company’s sales organization offering services to over 30 countries using a wide-ranging network of exclusive distributors, as also through a direct sales network that caters to global clients.

Algatechnologies has adopted the utilization of a closed tubular and eco-friendly cultivation system for producing its AstaPure® natural astaxanthin. This technology enables a highly controlled cultivation system, which eliminates foreign objects, agricultural residues and microbial contamination being introduced into the growing medium. The company has been associated with Ben-Gurion University of the Negev, Israel, since 1998 with the aim of developing and achieving its microalgae cultivation technologies founded on closed and semi-closed reactors. Algatechnologies employs an exclusive and proprietary closed system that includes a modular arrangement of tubular photo-bioreactors, with the entire closed system being based on existing 300 km long glass tubes covering an area of 10 acres of desert land. This computerized, controlled, connected and automatic astaxanthin oleoresin extraction technology has been outsourced to third-party contractors, who employ the supercritical CO2 extraction process. In early 2018, Algatechnologies bought a controlling stake in New Zealand-based Haematococcus pluvialis microalgae cultivation company Supreme Health New Zealand Limited.

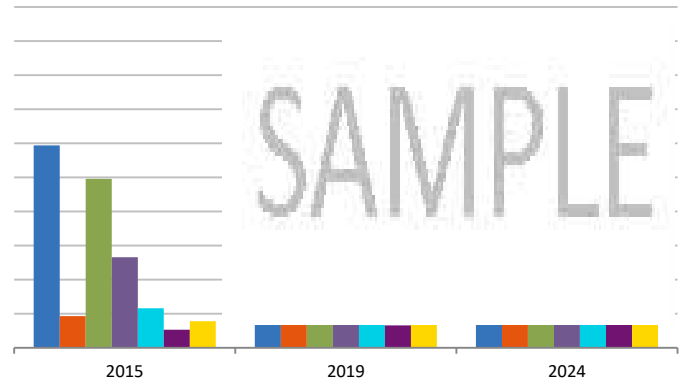
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SAMPLE TABLE/CHART

Glance at 2017 Global Carotenoids Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World



European Carotenoids Market Analysis (2015-2024) by Product – Astaxanthin, Canthaxanthin, Beta-Carotene, Lutein, Lycopene, Annatto and Others in USD Million



KEY PLAYERS PROFILED

- Algatechnologies Ltd.
- Allied Biotech Corporation
- BASF SE
- Beijing Gingko Group (BGG)
- CHR. Hansen Holding A/S
- Cyanotech Corporation
- D.D. Williamson & Co., Inc.
- Divis Laboratories Limited
- Doehler GmbH
- E.I.D Parry (India) Ltd.
- Fuji Chemical Industry Co., Ltd. (Astareal)
- Guangzhou Leader Bio-Technology Co., Ltd.
- Kemin Industries, Inc.
- Lycored Ltd.
- Naturex SA
- Novus International, Inc
- Royal DSM NV
- Zhejiang Medicine Co., Ltd.
- Zhejiang NHU Co., Ltd.

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