

Global Natural Astaxanthin Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G7359F0B4FCEN.html>

Date: January 2024

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: G7359F0B4FCEN

Abstracts

According to our (Global Info Research) latest study, the global Natural Astaxanthin market size was valued at USD 72 million in 2023 and is forecast to a readjusted size of USD 126.9 million by 2030 with a CAGR of 8.4% during review period.

Astaxanthin is a naturally occurring dark red carotenoid found in nature primarily in aquatic animals such as salmon, trout, krill, shrimp, crayfish, and crustaceans. It has the unique capacity to quench free radicals and reactive species of oxygen and to inhibit lipid peroxidation. Studies have shown natural astaxanthin to be over 500 times stronger than vitamin E and much more potent than other carotenoids such as lutein, lycopene and β -carotene. Natural astaxanthin is biosynthesized by living microalgae (*H. Pluvialis*). Natural astaxanthin with the molecular formula of $C_{40}H_{52}O_4$ and CAS number 472-61-7 is a member of the carotenoid family and the main carotenoid found in algae and aquatic animals. It is more than just a red pigment; it is primarily an extremely powerful antioxidant. There are two types of natural astaxanthin included astaxanthin oleoresin and astaxanthin powder.

Global Natural Astaxanthin key players include Cyanotech, Fuji, BGG, Parry Nutraceuticals (Valensa International), Algatechnologies, etc. Global top five manufacturers hold a share about 75%. North America is the largest market, with a share about 70%, followed by China and Europe, total with a share about 25 percent. In terms of product, Astaxanthin Oleoresin is the largest segment, with a share about 50%. And in terms of application, the largest application is Nutraceuticals, followed by Cosmetics, Food & Beverages, Feed, etc.

The Global Info Research report includes an overview of the development of the Natural

Astaxanthin industry chain, the market status of Nutraceuticals (Astaxanthin Oleoresin, Astaxanthin Powder), Cosmetics (Astaxanthin Oleoresin, Astaxanthin Powder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Natural Astaxanthin.

Regionally, the report analyzes the Natural Astaxanthin markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Natural Astaxanthin market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Natural Astaxanthin market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Natural Astaxanthin industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Kg), revenue generated, and market share of different by Type (e.g., Astaxanthin Oleoresin, Astaxanthin Powder).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Natural Astaxanthin market.

Regional Analysis: The report involves examining the Natural Astaxanthin market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Natural Astaxanthin market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Natural Astaxanthin:

Company Analysis: Report covers individual Natural Astaxanthin manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Natural Astaxanthin. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Nutraceuticals, Cosmetics).

Technology Analysis: Report covers specific technologies relevant to Natural Astaxanthin. It assesses the current state, advancements, and potential future developments in Natural Astaxanthin areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Natural Astaxanthin market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Natural Astaxanthin market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Astaxanthin Oleoresin

Astaxanthin Powder

Others

Market segment by Application

Nutraceuticals

Cosmetics

Food & Beverages

Feed

Others

Major players covered

Cyanotech

Fuji

BGG

Parry Nutraceuticals

Algatechnologies

Biogenic

Jingzhou Natural Astaxanthin

Yunnan Alphy Biotech

ADM

Piveg

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Natural Astaxanthin product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Natural Astaxanthin, with price, sales, revenue and global market share of Natural Astaxanthin from 2019 to 2024.

Chapter 3, the Natural Astaxanthin competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Natural Astaxanthin breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Natural Astaxanthin market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Natural Astaxanthin.

Chapter 14 and 15, to describe Natural Astaxanthin sales channel, distributors, customers, research findings and conclusion.

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