

# **Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Natural Astaxanthin Market 2018, Forecast to 2023**

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## **Abstracts**

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  $\beta$ -carotene.

### **SCOPE OF THE REPORT:**

This report focuses on the Natural Astaxanthin in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Natural astaxanthin is famous for strong antioxidant property. Generally, it has two types, astaxanthin oleoresin and astaxanthin powder. Natural astaxanthin content in astaxanthin oleoresin is higher than that in astaxanthin powder. So price of astaxanthin powder is lower than that of astaxanthin oleoresin. In 2017, production of astaxanthin powder was about 36114 Kg, with a share of 53.03%.

Natural astaxanthin is usually used in nutraceuticals, cosmetics, food & beverages, feed and other fields. Most natural astaxanthin manufacturers produce downstream nutraceuticals or cosmetics directly. Nutraceuticals is an important application of natural astaxanthin. Natural astaxanthin consumed in nutraceuticals was about 27677 Kg in 2017.

Although downstream demand for natural astaxanthin is too much, there are only several major suppliers in this industry, such as Cyanotech, Fuji, BGG, Parry Nutraceuticals, Algatechnologies, Biogenic, Jingzhou Natural Astaxanthin, Yunnan

Alphy Biotech, ADM and Piveg. Great limitation in this industry is raw material resource. As main raw material of natural astaxanthin, microalga (*haematococcus pluvialis*) is easily interference by pests and diseases. Once raw material resource is abundant, there will be more and more enterprises entering this industry.

From 2013 to 2017, global natural astaxanthin production increased from 44488 Kg to 68102 Kg, with an average increase rate of 11.23%. Global production regions are mainly concentrated in China, Europe, North America and Japan. In 2017, Europe produced about 11.83% of global total natural astaxanthin. North America produced 42008 Kg, accounting for 61.68% in 2017.

Owing to high price of natural astaxanthin, global consumption regions are mainly distributed in Europe, North America and China. In 2017, North America consumed about 25724 Kg. Followed by Europe, with a consumption amount of 15032 Kg.

In the future, we predict that global demand for natural astaxanthin will keeps increasing. Raw material limitation in this industry will still be a question in next few years. By 2024, we predict that global consumption will be 21249 Kg.

The worldwide market for Natural Astaxanthin is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Cyanotech

Fuji

BGG

Parry Nutraceuticals

Algatechnologies

Biogenic

Jingzhou Natural Astaxanthin

Yunnan Alphy Biotech

ADM

Piveg

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Astaxanthin Oleoresin

Astaxanthin Powder

Others

Market Segment by Applications, can be divided into

Nutraceuticals

Cosmetics

Food & Beverages

Feed

Others

There are 15 Chapters to deeply display the global Natural Astaxanthin market.

Chapter 1, to describe Natural Astaxanthin Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Natural Astaxanthin, with sales, revenue, and price of Natural Astaxanthin, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Natural Astaxanthin, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Natural Astaxanthin market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Natural Astaxanthin sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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