

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

<https://marketpublishers.com/r/G819AC49531EN.html>

Date: August 2018

Pages: 137

Price: US\$ 4,880.00 (Single User License)

ID: G819AC49531EN

## 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

## Contents

### 1 MARKET OVERVIEW

- 1.1 Natural Astaxanthin Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 Astaxanthin Oleoresin
  - 1.2.2 Astaxanthin Powder
  - 1.2.3 Others
- 1.3 Market Analysis by Applications
  - 1.3.1 Nutraceuticals
  - 1.3.2 Cosmetics
  - 1.3.3 Food & Beverages
  - 1.3.4 Feed
  - 1.3.5 Others
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (United States, Canada and Mexico)
    - 1.4.1.1 United States Market States and Outlook (2013-2023)
    - 1.4.1.2 Canada Market States and Outlook (2013-2023)
    - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
    - 1.4.2.1 Germany Market States and Outlook (2013-2023)
    - 1.4.2.2 France Market States and Outlook (2013-2023)
    - 1.4.2.3 UK Market States and Outlook (2013-2023)
    - 1.4.2.4 Russia Market States and Outlook (2013-2023)
    - 1.4.2.5 Italy Market States and Outlook (2013-2023)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2013-2023)
    - 1.4.3.2 Japan Market States and Outlook (2013-2023)
    - 1.4.3.3 Korea Market States and Outlook (2013-2023)
    - 1.4.3.4 India Market States and Outlook (2013-2023)
    - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
  - 1.4.4 South America, Middle East and Africa
    - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
    - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
    - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
    - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
    - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics

- 1.5.1 Market Opportunities
- 1.5.2 Market Risk
- 1.5.3 Market Driving Force

## **2 MANUFACTURERS PROFILES**

### 2.1 Cyanotech

#### 2.1.1 Business Overview

##### 2.1.1.1 Cyanotech Description

##### 2.1.1.2 Cyanotech Headquarter, Main Business and Finance Overview

#### 2.1.2 Cyanotech Natural Astaxanthin Product Introduction

##### 2.1.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

##### 2.1.2.2 Natural Astaxanthin Product Information

#### 2.1.3 Cyanotech Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.1 Cyanotech Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.2 Global Cyanotech Natural Astaxanthin Market Share in 2017

### 2.2 Fuji

#### 2.2.1 Business Overview

##### 2.2.1.1 Fuji Description

##### 2.2.1.2 Fuji Headquarter, Main Business and Finance Overview

#### 2.2.2 Fuji Natural Astaxanthin Product Introduction

##### 2.2.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

##### 2.2.2.2 Natural Astaxanthin Product Information

#### 2.2.3 Fuji Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.1 Fuji Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.2 Global Fuji Natural Astaxanthin Market Share in 2017

### 2.3 BGG

#### 2.3.1 Business Overview

##### 2.3.1.1 BGG Description

##### 2.3.1.2 BGG Headquarter, Main Business and Finance Overview

#### 2.3.2 BGG Natural Astaxanthin Product Introduction

##### 2.3.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

##### 2.3.2.2 Natural Astaxanthin Product Information

#### 2.3.3 BGG Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 BGG Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global BGG Natural Astaxanthin Market Share in 2017

2.4 Parry Nutraceuticals

2.4.1 Business Overview

2.4.1.1 Parry Nutraceuticals Description

2.4.1.2 Parry Nutraceuticals Headquarter, Main Business and Finance Overview

2.4.2 Parry Nutraceuticals Natural Astaxanthin Product Introduction

2.4.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

2.4.2.2 Natural Astaxanthin Product Information

2.4.3 Parry Nutraceuticals Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Parry Nutraceuticals Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Parry Nutraceuticals Natural Astaxanthin Market Share in 2017

2.5 Algatechnologies

2.5.1 Business Overview

2.5.1.1 Algatechnologies Description

2.5.1.2 Algatechnologies Headquarter, Main Business and Finance Overview

2.5.2 Algatechnologies Natural Astaxanthin Product Introduction

2.5.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

2.5.2.2 Natural Astaxanthin Product Information

2.5.3 Algatechnologies Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Algatechnologies Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Algatechnologies Natural Astaxanthin Market Share in 2017

2.6 Biogenic

2.6.1 Business Overview

2.6.1.1 Biogenic Description

2.6.1.2 Biogenic Headquarter, Main Business and Finance Overview

2.6.2 Biogenic Natural Astaxanthin Product Introduction

2.6.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

2.6.2.2 Natural Astaxanthin Product Information

2.6.3 Biogenic Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Biogenic Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Biogenic Natural Astaxanthin Market Share in 2017



## 2.7 Jingzhou Natural Astaxanthin

### 2.7.1 Business Overview

#### 2.7.1.1 Jingzhou Natural Astaxanthin Description

#### 2.7.1.2 Jingzhou Natural Astaxanthin Headquarter, Main Business and Finance

### Overview

### 2.7.2 Jingzhou Natural Astaxanthin Natural Astaxanthin Product Introduction

#### 2.7.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

#### 2.7.2.2 Natural Astaxanthin Product Information

### 2.7.3 Jingzhou Natural Astaxanthin Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.7.3.1 Jingzhou Natural Astaxanthin Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.7.3.2 Global Jingzhou Natural Astaxanthin Natural Astaxanthin Market Share in 2017

## 2.8 Yunnan Alphy Biotech

### 2.8.1 Business Overview

#### 2.8.1.1 Yunnan Alphy Biotech Description

#### 2.8.1.2 Yunnan Alphy Biotech Headquarter, Main Business and Finance Overview

### 2.8.2 Yunnan Alphy Biotech Natural Astaxanthin Product Introduction

#### 2.8.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

#### 2.8.2.2 Natural Astaxanthin Product Information

### 2.8.3 Yunnan Alphy Biotech Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.8.3.1 Yunnan Alphy Biotech Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.8.3.2 Global Yunnan Alphy Biotech Natural Astaxanthin Market Share in 2017

## 2.9 ADM

### 2.9.1 Business Overview

#### 2.9.1.1 ADM Description

#### 2.9.1.2 ADM Headquarter, Main Business and Finance Overview

### 2.9.2 ADM Natural Astaxanthin Product Introduction

#### 2.9.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

#### 2.9.2.2 Natural Astaxanthin Product Information

### 2.9.3 ADM Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.9.3.1 ADM Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.9.3.2 Global ADM Natural Astaxanthin Market Share in 2017

## 2.10 Piveg



### 2.10.1 Business Overview

#### 2.10.1.1 Piveg Description

#### 2.10.1.2 Piveg Headquarter, Main Business and Finance Overview

### 2.10.2 Piveg Natural Astaxanthin Product Introduction

#### 2.10.2.1 Natural Astaxanthin Production Bases, Sales Regions and Major

#### Competitors

#### 2.10.2.2 Natural Astaxanthin Product Information

### 2.10.3 Piveg Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.10.3.1 Piveg Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.10.3.2 Global Piveg Natural Astaxanthin Market Share in 2017

## **3 GLOBAL NATURAL ASTAXANTHIN MARKET COMPETITION, BY MANUFACTURER**

### 3.1 Global Natural Astaxanthin Sales and Market Share by Manufacturer (2016-2017)

### 3.2 Global Natural Astaxanthin Revenue and Market Share by Manufacturer (2016-2017)

### 3.3 Global Natural Astaxanthin Price by Manufacturer (2016-2017)

### 3.4 Market Concentration Rate

#### 3.4.1 Top 3 Natural Astaxanthin Manufacturer Market Share in 2017

#### 3.4.2 Top 5 Natural Astaxanthin Manufacturer Market Share in 2017

### 3.5 Market Competition Trend

## **4 GLOBAL NATURAL ASTAXANTHIN MARKET ANALYSIS BY REGIONS**

### 4.1 Global Natural Astaxanthin Sales, Revenue and Market Share by Regions

#### 4.1.1 Global Natural Astaxanthin Sales by Regions (2013-2018)

#### 4.1.2 Global Natural Astaxanthin Revenue by Regions (2013-2018)

### 4.2 North America Natural Astaxanthin Sales, Revenue and Growth Rate (2013-2018)

### 4.3 Europe Natural Astaxanthin Sales, Revenue and Growth Rate (2013-2018)

### 4.4 Asia-Pacific Natural Astaxanthin Sales, Revenue and Growth Rate (2013-2018)

### 4.5 South America Natural Astaxanthin Sales, Revenue and Growth Rate (2013-2018)

### 4.6 Middle East and Africa Natural Astaxanthin Sales, Revenue and Growth Rate (2013-2018)

## **5 NORTH AMERICA NATURAL ASTAXANTHIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 5.1 North America Natural Astaxanthin Sales, Revenue and Market Share by Countries
  - 5.1.1 North America Natural Astaxanthin Sales by Countries (2013-2018)
  - 5.1.2 North America Natural Astaxanthin Revenue by Countries (2013-2018)
  - 5.1.3 United States Natural Astaxanthin Sales and Growth Rate (2013-2018)
  - 5.1.4 Canada Natural Astaxanthin Sales and Growth Rate (2013-2018)
  - 5.1.5 Mexico Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 5.2 North America Natural Astaxanthin Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 5.2.1 North America Natural Astaxanthin Sales by Manufacturers (2016-2017)
  - 5.2.2 North America Natural Astaxanthin Revenue by Manufacturers (2016-2017)
- 5.3 North America Natural Astaxanthin Sales, Revenue and Market Share by Type (2013-2018)
  - 5.3.1 North America Natural Astaxanthin Sales and Sales Share by Type (2013-2018)
  - 5.3.2 North America Natural Astaxanthin Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Natural Astaxanthin Sales, Revenue and Market Share by Application (2013-2018)
  - 5.4.1 North America Natural Astaxanthin Sales and Sales Share by Application (2013-2018)
  - 5.4.2 North America Natural Astaxanthin Revenue and Revenue Share by Application (2013-2018)

## **6 EUROPE NATURAL ASTAXANTHIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 6.1 Europe Natural Astaxanthin Sales, Revenue and Market Share by Countries
  - 6.1.1 Europe Natural Astaxanthin Sales by Countries (2013-2018)
  - 6.1.2 Europe Natural Astaxanthin Revenue by Countries (2013-2018)
  - 6.1.3 Germany Natural Astaxanthin Sales and Growth Rate (2013-2018)
  - 6.1.4 UK Natural Astaxanthin Sales and Growth Rate (2013-2018)
  - 6.1.5 France Natural Astaxanthin Sales and Growth Rate (2013-2018)
  - 6.1.6 Russia Natural Astaxanthin Sales and Growth Rate (2013-2018)
  - 6.1.7 Italy Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 6.2 Europe Natural Astaxanthin Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 6.2.1 Europe Natural Astaxanthin Sales by Manufacturers (2016-2017)
  - 6.2.2 Europe Natural Astaxanthin Revenue by Manufacturers (2016-2017)
- 6.3 Europe Natural Astaxanthin Sales, Revenue and Market Share by Type

(2013-2018)

6.3.1 Europe Natural Astaxanthin Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Natural Astaxanthin Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Natural Astaxanthin Sales, Revenue and Market Share by Application  
(2013-2018)

6.4.1 Europe Natural Astaxanthin Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Natural Astaxanthin Revenue and Revenue Share by Application  
(2013-2018)

## **7 ASIA-PACIFIC NATURAL ASTAXANTHIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

7.1 Asia-Pacific Natural Astaxanthin Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Natural Astaxanthin Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Natural Astaxanthin Revenue by Countries (2013-2018)

7.1.3 China Natural Astaxanthin Sales and Growth Rate (2013-2018)

7.1.4 Japan Natural Astaxanthin Sales and Growth Rate (2013-2018)

7.1.5 Korea Natural Astaxanthin Sales and Growth Rate (2013-2018)

7.1.6 India Natural Astaxanthin Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Natural Astaxanthin Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Natural Astaxanthin Sales and Revenue (Value) by Manufacturers  
(2016-2017)

7.2.1 Asia-Pacific Natural Astaxanthin Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Natural Astaxanthin Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Natural Astaxanthin Sales, Revenue and Market Share by Type  
(2013-2018)

7.3.1 Asia-Pacific Natural Astaxanthin Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Natural Astaxanthin Revenue and Revenue Share by Type  
(2013-2018)

7.4 Asia-Pacific Natural Astaxanthin Sales, Revenue and Market Share by Application  
(2013-2018)

7.4.1 Asia-Pacific Natural Astaxanthin Sales and Sales Share by Application  
(2013-2018)

7.4.2 Asia-Pacific Natural Astaxanthin Revenue and Revenue Share by Application  
(2013-2018)

## **8 SOUTH AMERICA NATURAL ASTAXANTHIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

## 8.1 South America Natural Astaxanthin Sales, Revenue and Market Share by Countries

- 8.1.1 South America Natural Astaxanthin Sales by Countries (2013-2018)
- 8.1.2 South America Natural Astaxanthin Revenue by Countries (2013-2018)
- 8.1.3 Brazil Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 8.1.4 Argentina Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 8.1.5 Colombia Natural Astaxanthin Sales and Growth Rate (2013-2018)

## 8.2 South America Natural Astaxanthin Sales and Revenue (Value) by Manufacturers (2016-2017)

- 8.2.1 South America Natural Astaxanthin Sales by Manufacturers (2016-2017)
- 8.2.2 South America Natural Astaxanthin Revenue by Manufacturers (2016-2017)

## 8.3 South America Natural Astaxanthin Sales, Revenue and Market Share by Type (2013-2018)

- 8.3.1 South America Natural Astaxanthin Sales and Sales Share by Type (2013-2018)
- 8.3.2 South America Natural Astaxanthin Revenue and Revenue Share by Type (2013-2018)

## 8.4 South America Natural Astaxanthin Sales, Revenue and Market Share by Application (2013-2018)

- 8.4.1 South America Natural Astaxanthin Sales and Sales Share by Application (2013-2018)
- 8.4.2 South America Natural Astaxanthin Revenue and Revenue Share by Application (2013-2018)

## **9 MIDDLE EAST AND AFRICA NATURAL ASTAXANTHIN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

### 9.1 Middle East and Africa Natural Astaxanthin Sales, Revenue and Market Share by Countries

- 9.1.1 Middle East and Africa Natural Astaxanthin Sales by Countries (2013-2018)
- 9.1.2 Middle East and Africa Natural Astaxanthin Revenue by Countries (2013-2018)
- 9.1.3 Saudi Arabia Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 9.1.4 UAE Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 9.1.5 Egypt Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 9.1.6 Nigeria Natural Astaxanthin Sales and Growth Rate (2013-2018)
- 9.1.7 South Africa Natural Astaxanthin Sales and Growth Rate (2013-2018)

### 9.2 Middle East and Africa Natural Astaxanthin Sales and Revenue (Value) by Manufacturers (2016-2017)

- 9.2.1 Middle East and Africa Natural Astaxanthin Sales by Manufacturers (2016-2017)
- 9.2.2 Middle East and Africa Natural Astaxanthin Revenue by Manufacturers (2016-2017)

### 9.3 Middle East and Africa Natural Astaxanthin Sales, Revenue and Market Share by Type (2013-2018)

#### 9.3.1 Middle East and Africa Natural Astaxanthin Sales and Sales Share by Type (2013-2018)

#### 9.3.1 Middle East and Africa Natural Astaxanthin Revenue and Revenue Share by Type (2013-2018)

### 9.4 Middle East and Africa Natural Astaxanthin Sales, Revenue and Market Share by Application (2013-2018)

#### 9.4.1 Middle East and Africa Natural Astaxanthin Sales and Sales Share by Application (2013-2018)

#### 9.4.2 Middle East and Africa Natural Astaxanthin Revenue and Revenue Share by Application (2013-2018)

## **10 GLOBAL NATURAL ASTAXANTHIN MARKET SEGMENT BY TYPE**

### 10.1 Global Natural Astaxanthin Sales, Revenue and Market Share by Type (2013-2018)

#### 10.1.1 Global Natural Astaxanthin Sales and Market Share by Type (2013-2018)

#### 10.1.2 Global Natural Astaxanthin Revenue and Market Share by Type (2013-2018)

### 10.2 Astaxanthin Oleoresin Sales Growth and Price

#### 10.2.1 Global Astaxanthin Oleoresin Sales Growth (2013-2018)

#### 10.2.2 Global Astaxanthin Oleoresin Price (2013-2018)

### 10.3 Astaxanthin Powder Sales Growth and Price

#### 10.3.1 Global Astaxanthin Powder Sales Growth (2013-2018)

#### 10.3.2 Global Astaxanthin Powder Price (2013-2018)

### 10.4 Others Sales Growth and Price

#### 10.4.1 Global Others Sales Growth (2013-2018)

#### 10.4.2 Global Others Price (2013-2018)

## **11 GLOBAL NATURAL ASTAXANTHIN MARKET SEGMENT BY APPLICATION**

### 11.1 Global Natural Astaxanthin Sales Market Share by Application (2013-2018)

### 11.2 Nutraceuticals Sales Growth (2013-2018)

### 11.3 Cosmetics Sales Growth (2013-2018)

### 11.4 Food & Beverages Sales Growth (2013-2018)

### 11.5 Feed Sales Growth (2013-2018)

### 11.6 Others Sales Growth (2013-2018)

## **12 NATURAL ASTAXANTHIN MARKET FORECAST (2018-2023)**

- 12.1 Global Natural Astaxanthin Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Natural Astaxanthin Market Forecast by Regions (2018-2023)
  - 12.2.1 North America Natural Astaxanthin Market Forecast (2018-2023)
  - 12.2.2 Europe Natural Astaxanthin Market Forecast (2018-2023)
  - 12.2.3 Asia-Pacific Natural Astaxanthin Market Forecast (2018-2023)
  - 12.2.4 South America Natural Astaxanthin Market Forecast (2018-2023)
  - 12.2.5 Middle East and Africa Natural Astaxanthin Market Forecast (2018-2023)
- 12.3 Natural Astaxanthin Market Forecast by Type (2018-2023)
  - 12.3.1 Global Natural Astaxanthin Sales Forecast by Type (2018-2023)
  - 12.3.2 Global Natural Astaxanthin Market Share Forecast by Type (2018-2023)
- 12.4 Natural Astaxanthin Market Forecast by Application (2018-2023)
  - 12.4.1 Global Natural Astaxanthin Sales Forecast by Application (2018-2023)
  - 12.4.2 Global Natural Astaxanthin Market Share Forecast by Application (2018-2023)

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

- 13.1 Sales Channel
  - 13.1.1 Direct Marketing
  - 13.1.2 Indirect Marketing
  - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

- 15.1 Methodology
- 15.2 Data Source



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Natural Astaxanthin Picture

Table Product Specifications of Natural Astaxanthin

Figure Global Natural Astaxanthin CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Natural Astaxanthin CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Natural Astaxanthin by Types in 2017

Figure Astaxanthin Oleoresin Picture

Table Major Manufacturers of Astaxanthin Oleoresin

Figure Astaxanthin Powder Picture

Table Major Manufacturers of Astaxanthin Powder

Figure Others Picture

Table Major Manufacturers of Others

Figure Natural Astaxanthin Sales Market Share by Applications in 2017

Figure Nutraceuticals Picture

Figure Cosmetics Picture

Figure Food & Beverages Picture

Figure Feed Picture

Figure Others Picture

Figure United States Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure France Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure UK Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure China Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure India Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)



Figure Egypt Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Natural Astaxanthin Revenue (Value) and Growth Rate (2013-2023)

Table Cyanotech Headquarter, Established, Main Business and Finance Overview (2017)

Table Cyanotech Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Cyanotech Natural Astaxanthin Product

Table Cyanotech Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Cyanotech Natural Astaxanthin Sales Market Share in 2017

Figure Global Cyanotech Natural Astaxanthin Revenue Market Share in 2017

Table Fuji Headquarter, Established, Main Business and Finance Overview (2017)

Table Fuji Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Fuji Natural Astaxanthin Product

Table Fuji Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Fuji Natural Astaxanthin Sales Market Share in 2017

Figure Global Fuji Natural Astaxanthin Revenue Market Share in 2017

Table BGG Headquarter, Established, Main Business and Finance Overview (2017)

Table BGG Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table BGG Natural Astaxanthin Product

Table BGG Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global BGG Natural Astaxanthin Sales Market Share in 2017

Figure Global BGG Natural Astaxanthin Revenue Market Share in 2017

Table Parry Nutraceuticals Headquarter, Established, Main Business and Finance Overview (2017)

Table Parry Nutraceuticals Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Parry Nutraceuticals Natural Astaxanthin Product

Table Parry Nutraceuticals Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Parry Nutraceuticals Natural Astaxanthin Sales Market Share in 2017

Figure Global Parry Nutraceuticals Natural Astaxanthin Revenue Market Share in 2017

Table Algatechnologies Headquarter, Established, Main Business and Finance

## Overview (2017)

Table Algatechnologies Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Algatechnologies Natural Astaxanthin Product

Table Algatechnologies Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Algatechnologies Natural Astaxanthin Sales Market Share in 2017

Figure Global Algatechnologies Natural Astaxanthin Revenue Market Share in 2017

Table Biogenic Headquarter, Established, Main Business and Finance Overview (2017)

Table Biogenic Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Biogenic Natural Astaxanthin Product

Table Biogenic Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Biogenic Natural Astaxanthin Sales Market Share in 2017

Figure Global Biogenic Natural Astaxanthin Revenue Market Share in 2017

Table Jingzhou Natural Astaxanthin Headquarter, Established, Main Business and Finance Overview (2017)

Table Jingzhou Natural Astaxanthin Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Jingzhou Natural Astaxanthin Natural Astaxanthin Product

Table Jingzhou Natural Astaxanthin Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Jingzhou Natural Astaxanthin Natural Astaxanthin Sales Market Share in 2017

Figure Global Jingzhou Natural Astaxanthin Natural Astaxanthin Revenue Market Share in 2017

Table Yunnan Alphy Biotech Headquarter, Established, Main Business and Finance Overview (2017)

Table Yunnan Alphy Biotech Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Yunnan Alphy Biotech Natural Astaxanthin Product

Table Yunnan Alphy Biotech Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Yunnan Alphy Biotech Natural Astaxanthin Sales Market Share in 2017

Figure Global Yunnan Alphy Biotech Natural Astaxanthin Revenue Market Share in 2017

Table ADM Headquarter, Established, Main Business and Finance Overview (2017)

Table ADM Natural Astaxanthin Production Bases, Sales Regions and Major

## Competitors

Table ADM Natural Astaxanthin Product

Table ADM Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global ADM Natural Astaxanthin Sales Market Share in 2017

Figure Global ADM Natural Astaxanthin Revenue Market Share in 2017

Table Piveg Headquarter, Established, Main Business and Finance Overview (2017)

Table Piveg Natural Astaxanthin Production Bases, Sales Regions and Major Competitors

Table Piveg Natural Astaxanthin Product

Table Piveg Natural Astaxanthin Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Piveg Natural Astaxanthin Sales Market Share in 2017

Figure Global Piveg Natural Astaxanthin Revenue Market Share in 2017

Table Global Natural Astaxanthin Sales by Manufacturer (2016-2017)

Figure Global Natural Astaxanthin Sales Market Share by Manufacturer in 2016

Figure Global Natural Astaxanthin Sales Market Share by Manufacturer in 2017

Table Global Natural Astaxanthin Revenue by Manufacturer (2016-2017)

Figure Global Natural Astaxanthin Revenue Market Share by Manufacturer in 2016

Figure Global Natural Astaxanthin Revenue Market Share by Manufacturer in 2017

Table Global Natural Astaxanthin Price by Manufacturer (2016-2017)

Figure Top 3 Natural Astaxanthin Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Natural Astaxanthin Manufacturer (Revenue) Market Share in 2017

Figure Global Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Global Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Table Global Natural Astaxanthin Sales by Regions (2013-2018)

Table Global Natural Astaxanthin Sales Market Share by Regions (2013-2018)

Table Global Natural Astaxanthin Revenue by Regions (2013-2018)

Figure Global Natural Astaxanthin Revenue Market Share by Regions in 2013

Figure Global Natural Astaxanthin Revenue Market Share by Regions in 2017

Figure North America Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure North America Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Figure Europe Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Europe Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Figure South America Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure South America Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Figure North America Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Table North America Natural Astaxanthin Sales by Countries (2013-2018)

Table North America Natural Astaxanthin Sales Market Share by Countries (2013-2018)

Figure North America Natural Astaxanthin Sales Market Share by Countries in 2013

Figure North America Natural Astaxanthin Sales Market Share by Countries in 2017

Table North America Natural Astaxanthin Revenue by Countries (2013-2018)

Table North America Natural Astaxanthin Revenue Market Share by Countries (2013-2018)

Figure North America Natural Astaxanthin Revenue Market Share by Countries in 2013

Figure North America Natural Astaxanthin Revenue Market Share by Countries in 2017

Figure United States Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Canada Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Mexico Natural Astaxanthin Sales and Growth Rate (2013-2018)

Table North America Natural Astaxanthin Sales by Manufacturer (2016-2017)

Figure North America Natural Astaxanthin Sales Market Share by Manufacturer in 2016

Figure North America Natural Astaxanthin Sales Market Share by Manufacturer in 2017

Table North America Natural Astaxanthin Revenue by Manufacturer (2016-2017)

Figure North America Natural Astaxanthin Revenue Market Share by Manufacturer in 2016

Figure North America Natural Astaxanthin Revenue Market Share by Manufacturer in 2017

Table North America Natural Astaxanthin Sales by Type (2013-2018)

Table North America Natural Astaxanthin Sales Share by Type (2013-2018)

Table North America Natural Astaxanthin Revenue by Type (2013-2018)

Table North America Natural Astaxanthin Revenue Share by Type (2013-2018)

Table North America Natural Astaxanthin Sales by Application (2013-2018)

Table North America Natural Astaxanthin Sales Share by Application (2013-2018)

Table North America Natural Astaxanthin Revenue by Application (2013-2018)

Table North America Natural Astaxanthin Revenue Share by Application (2013-2018)

Figure Europe Natural Astaxanthin Revenue and Growth Rate (2013-2018)

Table Europe Natural Astaxanthin Sales by Countries (2013-2018)

Table Europe Natural Astaxanthin Sales Market Share by Countries (2013-2018)

Table Europe Natural Astaxanthin Revenue by Countries (2013-2018)

Figure Europe Natural Astaxanthin Revenue Market Share by Countries in 2016

Figure Europe Natural Astaxanthin Revenue Market Share by Countries in 2017

Figure Germany Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure UK Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure France Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure Russia Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure Italy Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Table Europe Natural Astaxanthin Sales by Manufacturer (2016-2017)  
Figure Europe Natural Astaxanthin Sales Market Share by Manufacturer in 2016  
Figure Europe Natural Astaxanthin Sales Market Share by Manufacturer in 2017  
Table Europe Natural Astaxanthin Revenue by Manufacturer (2016-2017)  
Figure Europe Natural Astaxanthin Revenue Market Share by Manufacturer in 2016  
Figure Europe Natural Astaxanthin Revenue Market Share by Manufacturer in 2017  
Table Europe Natural Astaxanthin Sales by Type (2013-2018)  
Table Europe Natural Astaxanthin Sales Share by Type (2013-2018)  
Table Europe Natural Astaxanthin Revenue by Type (2013-2018)  
Table Europe Natural Astaxanthin Revenue Share by Type (2013-2018)  
Table Europe Natural Astaxanthin Sales by Application (2013-2018)  
Table Europe Natural Astaxanthin Sales Share by Application (2013-2018)  
Table Europe Natural Astaxanthin Revenue by Application (2013-2018)  
Table Europe Natural Astaxanthin Revenue Share by Application (2013-2018)  
Figure Asia-Pacific Natural Astaxanthin Revenue and Growth Rate (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Sales by Countries (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Sales Market Share by Countries (2013-2018)  
Figure Asia-Pacific Natural Astaxanthin Sales Market Share by Countries 2017  
Table Asia-Pacific Natural Astaxanthin Revenue by Countries (2013-2018)  
Figure Asia-Pacific Natural Astaxanthin Revenue Market Share by Countries 2017  
Figure China Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure Japan Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure Korea Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure India Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure Southeast Asia Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Sales by Manufacturer (2016-2017)  
Figure Asia-Pacific Natural Astaxanthin Sales Market Share by Manufacturer in 2016  
Figure Asia-Pacific Natural Astaxanthin Sales Market Share by Manufacturer in 2017  
Table Asia-Pacific Natural Astaxanthin Revenue by Manufacturer (2016-2017)  
Figure Asia-Pacific Natural Astaxanthin Revenue Market Share by Manufacturer in 2016  
Figure Asia-Pacific Natural Astaxanthin Revenue Market Share by Manufacturer in 2017  
Table Asia-Pacific Natural Astaxanthin Sales by Type (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Sales Share by Type (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Revenue by Type (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Revenue Share by Type (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Sales by Application (2013-2018)



Table Asia-Pacific Natural Astaxanthin Sales Share by Application (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Revenue by Application (2013-2018)  
Table Asia-Pacific Natural Astaxanthin Revenue Share by Application (2013-2018)  
Figure South America Natural Astaxanthin Revenue and Growth Rate (2013-2018)  
Table South America Natural Astaxanthin Sales by Countries (2013-2018)  
Table South America Natural Astaxanthin Sales Market Share by Countries (2013-2018)  
Figure South America Natural Astaxanthin Sales Market Share by Countries in 2017  
Table South America Natural Astaxanthin Revenue by Countries (2013-2018)  
Table South America Natural Astaxanthin Revenue Market Share by Countries (2013-2018)  
Figure South America Natural Astaxanthin Revenue Market Share by Countries in 2017  
Figure Brazil Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure Argentina Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Figure Colombia Natural Astaxanthin Sales and Growth Rate (2013-2018)  
Table South America Natural Astaxanthin Sales by Manufacturer (2016-2017)  
Figure South America Natural Astaxanthin Sales Market Share by Manufacturer in 2016  
Figure South America Natural Astaxanthin Sales Market Share by Manufacturer in 2017  
Table South America Natural Astaxanthin Revenue by Manufacturer (2016-2017)  
Figure South America Natural Astaxanthin Revenue Market Share by Manufacturer in 2016  
Figure South America Natural Astaxanthin Revenue Market Share by Manufacturer in 2017  
Table South America Natural Astaxanthin Sales by Type (2013-2018)  
Table South America Natural Astaxanthin Sales Share by Type (2013-2018)  
Table South America Natural Astaxanthin Revenue by Type (2013-2018)  
Table South America Natural Astaxanthin Revenue Share by Type (2013-2018)  
Table South America Natural Astaxanthin Sales by Application (2013-2018)  
Table South America Natural Astaxanthin Sales Share by Application (2013-2018)  
Table South America Natural Astaxanthin Revenue by Application (2013-2018)  
Table South America Natural Astaxanthin Revenue Share by Application (2013-2018)  
Figure Middle East and Africa Natural Astaxanthin Revenue and Growth Rate (2013-2018)  
Table Middle East and Africa Natural Astaxanthin Sales by Countries (2013-2018)  
Table Middle East and Africa Natural Astaxanthin Sales Market Share by Countries (2013-2018)  
Figure Middle East and Africa Natural Astaxanthin Sales Market Share by Countries in 2017  
Table Middle East and Africa Natural Astaxanthin Revenue by Countries (2013-2018)

Table Middle East and Africa Natural Astaxanthin Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Natural Astaxanthin Revenue Market Share by Countries in 2013

Figure Middle East and Africa Natural Astaxanthin Revenue Market Share by Countries in 2017

Figure Saudi Arabia Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure UAE Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Egypt Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure Nigeria Natural Astaxanthin Sales and Growth Rate (2013-2018)

Figure South Africa Natural Astaxanthin Sales and Growth Rate (2013-2018)

Table Middle East and Africa Natural Astaxanthin Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Natural Astaxanthin Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Natural Astaxanthin Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Natural Astaxanthin Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Natural Astaxanthin Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Natural Astaxanthin Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Natural Astaxanthin Sales by Type (2013-2018)

Table Middle East and Africa Natural Astaxanthin Sales Share by Type (2013-2018)

Table Middle East and Africa Natural Astaxanthin Revenue by Type (2013-2018)

Table Middle East and Africa Natural Astaxanthin Revenue Share by Type (2013-2018)

Table Middle East and Africa Natural Astaxanthin Sales by Application (2013-2018)

Table Middle East and Africa Natural Astaxanthin Sales Share by Application (2013-2018)

Table Middle East and Africa Natural Astaxanthin Revenue by Application (2013-2018)

Table Middle East and Africa Natural Astaxanthin Revenue Share by Application (2013-2018)

Table Global Natural Astaxanthin Sales by Type (2013-2018)

Table Global Natural Astaxanthin Sales Share by Type (2013-2018)

Table Global Natural Astaxanthin Revenue by Type (2013-2018)

Table Global Natural Astaxanthin Revenue Share by Type (2013-2018)

Figure Global Astaxanthin Oleoresin Sales Growth (2013-2018)

Figure Global Astaxanthin Oleoresin Price (2013-2018)

Figure Global Astaxanthin Powder Sales Growth (2013-2018)



Figure Global Astaxanthin Powder Price (2013-2018)  
Figure Global Others Sales Growth (2013-2018)  
Figure Global Others Price (2013-2018)  
Table Global Natural Astaxanthin Sales by Application (2013-2018)  
Table Global Natural Astaxanthin Sales Share by Application (2013-2018)  
Figure Global Nutraceuticals Sales Growth (2013-2018)  
Figure Global Cosmetics Sales Growth (2013-2018)  
Figure Global Food & Beverages Sales Growth (2013-2018)  
Figure Global Feed Sales Growth (2013-2018)  
Figure Global Others Sales Growth (2013-2018)  
Figure Global Natural Astaxanthin Sales, Revenue and Growth Rate (2018-2023)  
Table Global Natural Astaxanthin Sales Forecast by Regions (2018-2023)  
Table Global Natural Astaxanthin Market Share Forecast by Regions (2018-2023)  
Figure North America Sales Natural Astaxanthin Market Forecast (2018-2023)  
Figure Europe Sales Natural Astaxanthin Market Forecast (2018-2023)  
Figure Asia-Pacific Sales Natural Astaxanthin Market Forecast (2018-2023)  
Figure South America Sales Natural Astaxanthin Market Forecast (2018-2023)  
Figure Middle East and Africa Sales Natural Astaxanthin Market Forecast (2018-2023)  
Table Global Natural Astaxanthin Sales Forecast by Type (2018-2023)  
Table Global Natural Astaxanthin Market Share Forecast by Type (2018-2023)  
Table Global Natural Astaxanthin Sales Forecast by Application (2018-2023)  
Table Global Natural Astaxanthin Market Share Forecast by Application (2018-2023)  
Table Distributors/Traders/ Dealers List

## I would like to order

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

Product link: <https://marketpublishers.com/r/G819AC49531EN.html>

Price: US\$ 4,880.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G819AC49531EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

