

# Fucoxanthin (CAS 3351-86-8) Market Research Report 2025

<https://marketpublishers.com/r/FE52AFEFEC6EN.html>

Date: August 2025

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: FE52AFEFEC6EN

## Abstracts

Fucoxanthin (CAS 3351-86-8) Market Research Report 2025 presents comprehensive data on Fucoxanthin markets globally and regionally (Europe, Asia, North America etc.)

The report includes Fucoxanthin description, covers its application areas and related patterns. It overviews Fucoxanthin market, names Fucoxanthin producers and indicates its suppliers.

Besides, the report provides Fucoxanthin prices in regional markets.

In addition to the above the report determines Fucoxanthin consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Fucoxanthin (CAS 3351-86-8) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

## Contents

### **1. FUCOXANTHIN (CAS 3351-86-8)**

- 1.1. General information, synonyms
- 1.2. Composition, chemical structure
- 1.3. Safety information
- 1.4. Hazards identification
- 1.5. Handling and storage
- 1.6. Toxicological & ecological information
- 1.7. Transport information

### **2. FUCOXANTHIN APPLICATIONS**

- 2.1. Fucoxanthin application spheres, downstream products

### **3. FUCOXANTHIN MANUFACTURING METHODS**

### **4. FUCOXANTHIN PATENTS**

- Abstract
- Description
- Summary of the invention
- Detailed description of the invention

### **5. FUCOXANTHIN MARKET WORLDWIDE**

- 5.1. General Fucoxanthin market situation, trends
- 5.2. Manufacturers of Fucoxanthin
  - Europe
  - Asia
  - North America
  - Other regions
- 5.3. Fucoxanthin suppliers (importers, local distributors)
  - Europe
  - Asia
  - North America
  - Other regions

#### 5.4. Fucoxanthin market forecast

### 6. FUCOXANTHIN MARKET PRICES

#### 6.1. Fucoxanthin prices in Europe

#### 6.2. Fucoxanthin prices in Asia

#### 6.3. Fucoxanthin prices in North America

#### 6.4. Fucoxanthin prices in other regions

### 7. FUCOXANTHIN END-USE SECTOR

#### 7.1. Fucoxanthin market by application sphere

#### 7.2. Fucoxanthin downstream markets trends and prospects

\*Please note that Fucoxanthin (CAS 3351-86-8) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

## About

Product Name: Fucoxanthin  
Synonyms:  
Fucoxanthol

CAS#: 3351-86-8  
Formula:  $C_{42}H_{58}O_6$   
Molecular Weight: 658.91

Fucoxanthin (?±-carotene) is a type of non-provitamin A carotenoid and it belongs to xanthophylls. Its chemical formula is  $C_{42}H_{58}O_6$ . Fucoxanthin has the allene structure and epoxide and hydroxyl groups. It is found naturally in edible brown seaweeds; though small amounts of this marine carotenoid can also be obtained from red and green algae.

The production of fucoxanthin is difficult for a score of reasons. Firstly, its content in raw material is very low (only 50-100 ppm). Secondly, being a powerful antioxidant, the product is easily decomposed during production process. In addition, one of the most essential problems during fucoxanthin production is how to reduce the content of heavy metal and arsenic salt which are absorbed by the seaweeds.

Some metabolic and nutritional studies with rats and mice indicate that fucoxanthin appears to target a protein called UCP1 that increases the rate at which abdominal fat (white adipose tissue) is burned. However, more research is required to determine whether fucoxanthin will work in the same way in humans.

Animal studies also show that fucoxanthin decreases insulin and blood glucose levels. It has been hypothesized that fucoxanthin's anti-diabetes effect may be because fucoxanthin seems to promote the formation of DHA (the omega-3 fatty acid found fatty fish such as salmon). DHA is thought to increase insulin sensitivity, improve triglycerides and reduce LDL ("bad") cholesterol.

Preliminary research in test tubes suggests that fucoxanthin may have anti-tumor effects. Anyway, it's far too early for fucoxanthin to be used as a complementary treatment for cancer.

Besides, fucoxanthin has a very strong antioxidation effect, prevents vascularization, as

well as combats inflammations.

Fucoxanthin market is covered in the study Fucoxanthin (CAS 3351-86-8) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks fucoxanthin market situation, names manufacturers, suppliers as well as users. The report also provides current fucoxanthin prices in the market.

## I would like to order

Product name: Fucoxanthin (CAS 3351-86-8) Market Research Report 2025

Product link: <https://marketpublishers.com/r/FE52AFEFEC6EN.html>

Price: US\$ 2,200.00 (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/FE52AFEFEC6EN.html>