

Flavonoid Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Anthocyanin, Flavones, Isoflavones, Flavan-3-ols, Flavonol, Anthoxanthin and Others), By Application (Functional Beverages, Functional Food, Dietary Supplements and Others), By Form (Powder Vs Liquid), By Region & Competition, 2021-2031F

<https://marketpublishers.com/r/F704600310FCEN.html>

Date: January 2026

Pages: 182

Price: US\$ 4,500.00 (Single User License)

ID: F704600310FCEN

Abstracts

The Global Flavonoid Market is projected to expand from USD 1.62 billion in 2025 to USD 2.29 billion by 2031, registering a compound annual growth rate of 5.94%. Flavonoids, a versatile group of polyphenolic secondary metabolites found abundantly in plants, function as vital pigments and offer substantial antioxidant benefits. The market is primarily propelled by the rising incidence of chronic lifestyle-related disorders and a decisive consumer shift toward natural preventive healthcare options. Additionally, the growing utilization of these substances as natural coloring agents and functional components within the pharmaceutical and food industries actively sustains this positive market trajectory.

However, the industry faces substantial obstacles regarding the intricate regulatory framework for health claims and the standardization of botanical extracts. Varying quality control protocols and rigorous approval procedures across different territories can hinder the smooth commercial distribution of these goods. Despite these regulatory complexities, market demand remains resilient; the American Botanical Council reported in 2024 that retail sales of herbal dietary supplements in the United States hit a historic high of 13.23 billion dollars. This statistic highlights the robust commercial potential for natural compounds, indicating that consumer interest persists even amidst regulatory challenges.

Market Driver

The escalating consumer demand for functional foods and fortified beverages serves as a major market accelerator, as individuals increasingly prioritize nutrition for health enhancement. This movement compels manufacturers to modify product formulations by including bioactive plant compounds that provide antioxidant advantages while maintaining clean-label integrity. The economic significance of this transition toward natural ingredients is highlighted by the Plant Based Foods Association's April 2024 "2023 State of the Marketplace" report, which noted that U.S. retail sales of plant-based foods totaled 8.1 billion dollars. This substantial figure indicates a consumer demographic ready to spend on natural formulations, thereby directly benefiting the flavonoid supply chain that furnishes the necessary phytonutrients for these enhanced products.

The rising prevalence of chronic illnesses is concurrently boosting the adoption of nutraceuticals, establishing flavonoids as essential components in preventive healthcare approaches. As the frequency of lifestyle-associated conditions grows, there is a corresponding rise in the intake of polyphenol-dense supplements designed to reduce inflammation and oxidative stress. Highlighting this health urgency, the American Cancer Society's "Cancer Facts & Figures 2024," released in January 2024, estimated 2,001,140 new cancer cases in the United States, emphasizing the critical need for therapeutic and preventative measures. This burden supports market growth, a fact reinforced by the Council for Responsible Nutrition's October 2024 survey, where 75% of U.S. adults reported using dietary supplements, illustrating the vast potential market for these ingredients.

Market Challenge

The expansion of the Global Flavonoid Market is significantly hindered by a complicated regulatory environment regarding health claims and a lack of extract standardization. Since flavonoids originate from a wide variety of botanical sources, maintaining consistent chemical profiles and potency levels across different production batches presents a considerable scientific challenge. This variability complicates regulatory approvals, as authorities in key markets demand rigorous proof to substantiate functional ingredient claims. In the absence of standardized, clinical-grade data, manufacturers are often barred from asserting specific therapeutic benefits, which restricts their capacity to distinguish their offerings and convey their value to potential customers.

This restriction on making robust, verified health claims fosters a gap between industry capabilities and consumer uptake. When companies are legally prevented from detailing the specific preventative advantages of flavonoid-rich products, prospective buyers often fail to see the necessity of the purchase. This hesitation is reflected in recent consumer data; according to the Council for Responsible Nutrition in 2024, 41 percent of non-users identified a lack of perceived need as their main reason for shunning dietary supplements. This finding underscores how regulatory constraints on health messaging contribute to keeping a large segment of the population out of the market, effectively impeding wider commercial adoption.

Market Trends

A prominent trend shaping the industry is the incorporation of flavonoids into anti-aging and photoprotective skincare products, leveraging their ability to neutralize free radicals and reduce UV-related skin damage. Cosmetic developers are increasingly blending compounds like resveratrol, catechins, and quercetin into advanced serums to meet consumer desires for clinical-grade, plant-based beauty solutions. This move into topical cosmeceuticals establishes a high-value sector separate from conventional oral supplements, fueling the need for high-purity extracts that can penetrate the skin barrier. The economic strength of this focus is evident; L'Oreal Group's "Annual Report 2023," published in February 2024, revealed that their Dermatological Beauty Division saw like-for-like sales grow by 28.4 percent, surpassing the general beauty market and validating the strong consumer demand for active, health-oriented skincare ingredients.

Concurrently, the substitution of synthetic colorants with anthocyanins is transforming the ingredient supply chain as food and beverage producers aggressively remove artificial additives. Anthocyanins, a flavonoid subclass that gives plants their red, purple, and blue colors, are being adopted not only for their antioxidant properties but primarily as stable, natural replacements for synthetic dyes such as Red 40. This transition operationalizes the clean label trend, compelling suppliers to increase extraction capacities from sources like elderberries and black carrots to satisfy industrial volume demands. The magnitude of this shift is highlighted by GNT Group's April 2024 "Sustainability Report 2023," which noted that global sales of their plant-based EXBERRY colors have risen by over 50 percent since 2020, signaling a lasting shift toward flavonoid-based pigmentation in the industry.

Key Market Players

Cayman Chemical Company

Quercegen Pharmaceutical

Foodchem International Corporation

INDOFINE Chemical Company, Inc.

Toroma Organics Ltd

Pharmachem Laboratories Inc.

Organic Herb Inc.

Phytochemicals

Indena S.p.A

Merck KGaA

Report Scope

In this report, the Global Flavonoid Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Flavonoid Market, By Type

Anthocyanin

Flavones

Isoflavones

Flavan-3-ols

Flavonol

Anthoxanthin

Others

Flavonoid Market, By Application

Functional Beverages

Functional Food

Dietary Supplements

Others

Flavonoid Market, By Form

Powder Vs Liquid

Flavonoid Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Flavonoid Market.

Available Customizations:

Global Flavonoid Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Flavonoid Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Anthocya...

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL FLAVONOID MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (Anthocyanin, Flavones, Isoflavones, Flavan-3-ols, Flavonol, Anthoxanthin, Others)
 - 5.2.2. By Application (Functional Beverages, Functional Food, Dietary Supplements, Others)

- 5.2.3. By Form (Powder Vs Liquid)
- 5.2.4. By Region
- 5.2.5. By Company (2025)
- 5.3. Market Map

6. NORTH AMERICA FLAVONOID MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Type
 - 6.2.2. By Application
 - 6.2.3. By Form
 - 6.2.4. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Flavonoid Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Type
 - 6.3.1.2.2. By Application
 - 6.3.1.2.3. By Form
 - 6.3.2. Canada Flavonoid Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Type
 - 6.3.2.2.2. By Application
 - 6.3.2.2.3. By Form
 - 6.3.3. Mexico Flavonoid Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Type
 - 6.3.3.2.2. By Application
 - 6.3.3.2.3. By Form

7. EUROPE FLAVONOID MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Type
 - 7.2.2. By Application
 - 7.2.3. By Form
 - 7.2.4. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. Germany Flavonoid Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Type
 - 7.3.1.2.2. By Application
 - 7.3.1.2.3. By Form
 - 7.3.2. France Flavonoid Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Type
 - 7.3.2.2.2. By Application
 - 7.3.2.2.3. By Form
 - 7.3.3. United Kingdom Flavonoid Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Type
 - 7.3.3.2.2. By Application
 - 7.3.3.2.3. By Form
 - 7.3.4. Italy Flavonoid Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Type
 - 7.3.4.2.2. By Application
 - 7.3.4.2.3. By Form
 - 7.3.5. Spain Flavonoid Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value

7.3.5.2. Market Share & Forecast

7.3.5.2.1. By Type

7.3.5.2.2. By Application

7.3.5.2.3. By Form

8. ASIA PACIFIC FLAVONOID MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Type

8.2.2. By Application

8.2.3. By Form

8.2.4. By Country

8.3. Asia Pacific: Country Analysis

8.3.1. China Flavonoid Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Type

8.3.1.2.2. By Application

8.3.1.2.3. By Form

8.3.2. India Flavonoid Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Type

8.3.2.2.2. By Application

8.3.2.2.3. By Form

8.3.3. Japan Flavonoid Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Type

8.3.3.2.2. By Application

8.3.3.2.3. By Form

8.3.4. South Korea Flavonoid Market Outlook

8.3.4.1. Market Size & Forecast

8.3.4.1.1. By Value

8.3.4.2. Market Share & Forecast

8.3.4.2.1. By Type

8.3.4.2.2. By Application

8.3.4.2.3. By Form

8.3.5. Australia Flavonoid Market Outlook

8.3.5.1. Market Size & Forecast

8.3.5.1.1. By Value

8.3.5.2. Market Share & Forecast

8.3.5.2.1. By Type

8.3.5.2.2. By Application

8.3.5.2.3. By Form

9. MIDDLE EAST & AFRICA FLAVONOID MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Type

9.2.2. By Application

9.2.3. By Form

9.2.4. By Country

9.3. Middle East & Africa: Country Analysis

9.3.1. Saudi Arabia Flavonoid Market Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Type

9.3.1.2.2. By Application

9.3.1.2.3. By Form

9.3.2. UAE Flavonoid Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Type

9.3.2.2.2. By Application

9.3.2.2.3. By Form

9.3.3. South Africa Flavonoid Market Outlook

9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Type

9.3.3.2.2. By Application

9.3.3.2.3. By Form

10. SOUTH AMERICA FLAVONOID MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Type

10.2.2. By Application

10.2.3. By Form

10.2.4. By Country

10.3. South America: Country Analysis

10.3.1. Brazil Flavonoid Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Type

10.3.1.2.2. By Application

10.3.1.2.3. By Form

10.3.2. Colombia Flavonoid Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Type

10.3.2.2.2. By Application

10.3.2.2.3. By Form

10.3.3. Argentina Flavonoid Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Type

10.3.3.2.2. By Application

10.3.3.2.3. By Form

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. GLOBAL FLAVONOID MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

- 15.1. Cayman Chemical Company
 - 15.1.1. Business Overview
 - 15.1.2. Products & Services
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel
 - 15.1.5. SWOT Analysis
- 15.2. Quercegen Pharmaceutical
- 15.3. Foodchem International Corporation
- 15.4. INDOFINE Chemical Company, Inc.
- 15.5. Toroma Organics Ltd
- 15.6. Pharmachem Laboratories Inc.
- 15.7. Organic Herb Inc.
- 15.8. Phytocompounds
- 15.9. Indena S.p.A
- 15.10. Merck KGaA

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

I would like to order

Product name: Flavonoid Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Anthocyanin, Flavones, Isoflavones, Flavan-3-ols, Flavonol, Anthoxanthin and Others), By Application (Functional Beverages, Functional Food, Dietary Supplements and Others), By Form (Powder Vs Liquid), By Region & Competition, 2021-2031F

Product link: <https://marketpublishers.com/r/F704600310FCEN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F704600310FCEN.html>