

Spirulina Market by Product Type (Powder, Tablets, Capsules, Flakes, Phycocyanin), Distribution Channel (Business Channel, Consumer Channel), Application (Nutraceuticals, Food & Beverages, Animal Feed, Cosmetics, Agriculture) - Global Forecast to 2030

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Abstracts

Spirulina Market by Product Type (Powder, Tablets, Capsules, Flakes, Phycocyanin), Distribution Channel (Business Channel, Consumer Channel), Application (Nutraceuticals, Food & Beverages, Animal Feed, Cosmetics, Agriculture) - Global Forecast to 2030

The research report titled, 'Spirulina Market by Product Type (Powder, Tablets, Capsules, Flakes, Phycocyanin), Distribution Channel (Business Channel, Consumer Channel), Application (Nutraceuticals, Food & Beverages, Animal Feed, Cosmetics, Agriculture) - Global Forecast to 2030,' provides an in-depth analysis of the spirulina market across five major geographies and emphasizes on the current market trends, market sizes, market shares, recent developments, and forecasts till 2030.

In terms of value, the spirulina market is expected to reach \$1.10 billion by 2030, at a CAGR of 9.4% from 2023 to 2030, while in terms of volume, the market is expected to reach 102,381.3 tons by 2030, at a CAGR of 8.0% from 2023 to 2030.

The growth of this market is attributed to the increasing health & wellness trends, the growth of the dietary supplements industry, the rising demand for natural food colors, growing vegetarianism, the impact of spirulina cultivation on the environment, strict regulations regarding the inclusion of synthetic colors and flavors, growing preference for spirulina-sourced products, increasing use of spirulina in aquaculture, and growing investments from natural-color manufacturers. Furthermore, the emergence of new

application areas and the growing demand for phycocyanin, spirulina from bio-refineries, and fresh/frozen spirulina are expected to provide significant opportunities for the growth of this market.

The study offers a comprehensive analysis of the spirulina market based on product type, distribution channel, application, and geography.

The spirulina market is segmented by product type (powder, tablets, capsules, flakes, phycocyanin, and frozen spirulina), distribution channel (business channel and consumer channel), application (nutraceuticals, food & beverages, animal feed, cosmetics, and agriculture), and geography. The study also evaluates industry competitors and analyzes the market at the country level.

Based on product type, in 2023, the powder segment is expected to account for the largest share of the spirulina market. The large market share of this segment is attributed to its rising demand from nutraceutical manufacturers due to the growing health consciousness among consumers, the increasing use of spirulina powder as an ingredient in various food & beverage products, the growing popularity of the vegan diet, and adoption of herbal ingredients in cosmetic products.

Based on distribution channel, in 2023, the business channel segment is expected to account for the larger share of the spirulina market. The large market share of this segment is attributed to the direct purchase of bulk spirulina in large quantities by various manufacturers, such as nutraceuticals, food & beverages, and animal feed, among others, for further product development.

Based on application, in 2023, the nutraceuticals segment is expected to account for the largest share of the spirulina market. The large market share of this segment is attributed to the booming nutraceuticals sector, growing health concerns of the aging population in various countries, growing desire for natural alternatives to traditional pharmaceutical products, and increased awareness among consumers on the link between nutrition and health. However, the food & beverages segment is expected to witness significant growth during the forecast period.

Based on geography, the market is segmented into five major regions: North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa. The major market share of North America is attributed to the growing awareness among consumers for natural food products, rising strict regulations against synthetic colors, growing demand for nutraceuticals, growth of subsidiary industries, like cosmetics and biofertilizers,

increasing preference for natural protein sources, and presence of key spirulina manufacturers with huge production capacities, especially in the U.S.

The key players operating in the spirulina market include Clos Sainte Aurore (France), Spirulina Viva (Mexico), SPIFORM (France), Spirulina La Capitelle (France), Aurospirul (India), Far East Microalgae Industries, Co., Ltd. (Taiwan), Fuqing King Dnarmsa Spirulina Co., Ltd. (China), DIC Corporation (Japan), E.I.D. - Parry (India) Limited (a subsidiary of M/s. Ambadi Investments Limited) (India), Cyanotech Corporation (U.S.), C.B.N. Bio-engineering Co., Ltd (China), Yunnan Green A Biological Project Co., Ltd. (a Subsidiary of Yunnan Spirin Biotechnology Co. Ltd) (China), Jiangshan Comp Spirulina Co., Ltd (China), Inner Mongolia Rejuve Biotech Co., Ltd. (China), Zhejiang Binmei Biotechnology Co., Ltd. (China), Bluetec Naturals Co., Ltd. (China), Taiwan Chlorella Manufacturing Company (TCMC) (Taiwan), Roquette KI?tze GmbH & Co. KG (Germany), Vedan Biotechnology Corporation (Taiwan), AlgoSource (France), Tianjin Norland Biotech Co., Ltd. (China), Allmicroalgae Natural Products S.A. (Portugal), Aliga Microalgae (Denmark), Taiwan Wilson Enterprise Inc. (Taiwan), Algalimento SL (Spain), Seagrass Tech Private Limited (India), Plankton Australia Pty Limited (Australia), Hangzhou Ouqi Food Co., Ltd. (China), JUNE Spirulina (a Part of JUNE Group of Companies) (Myanmar), Ordos Xinyuli Spirulina Industry Group Co., Ltd. (China), Qingdao Haizhijiao Biotechnology Co., Ltd. (China), BlueBioTech Group (Germany), Sea & Sun Organic GmbH (subsidiary of Sea & Sun Technology GmbH) (Germany), Pond Technologies Inc. (Canada), Far East Bio-Tec. Co., Ltd. (FEBICO) (Taiwan), Givaudan SA (Switzerland), Nutragreenlife Biotechnology Co. Ltd. (branch of Greenlife Biotechnology Co., Ltd.) (China), Xi'an Fengzu Biological Technology Co., Ltd. (FZBIOTECH) (China), and Necton S.A. (Portugal).

Scope of the Report:

Spirulina Market, by Product Type

Powder

Tablets

Capsules

Flakes

Phycocyanin

Frozen Spirulina

Spirulina Market, by Distribution Channel

Business Channel

Consumer Channel

Spirulina Market, by Application

Nutraceuticals

Food & Beverages

Animal Feed

Cosmetics

Agriculture

Spirulina Market, by Geography

North America

U.S.

Canada

Europe

France

Germany

U.K.

Italy

Spain

Netherlands

Denmark

Sweden

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

India

Japan

Australia

Thailand

Rest of Asia-Pacific (RoAPAC)

Latin America (LATAM)

Brazil

Mexico

Rest of Latin America (RoLATAM)

Middle East & Africa (MEA)

Egypt

Saudi Arabia

South Africa

UAE

Rest of Middle East & Africa (RoMEA)

Key Questions Answered in the Report:

Which are the high-growth market segments in terms of product type, distribution channel, application, and geography?

What is the historical market size for the spirulina market?

What are the market forecasts and estimates for the period 2023–2030?

What are the major drivers, restraints, opportunities, and trends in the spirulina market?

Who are the major players in the market, and what are their market shares?

Who are the major players in various countries, and what are their market shares?

How is the competitive landscape for the spirulina market?

What are the recent developments in the spirulina market?

What are the different strategies adopted by the major players in the market?

What are the key geographic trends, and which are the high-growth countries?

Who are the local emerging players in the spirulina market, and how do they compete with other players?

Contents

1. MARKET DEFINITION & SCOPE

- 1.1. Market Definition
- 1.2. Market Ecosystem
- 1.3. Currency
- 1.4. Key Stakeholders

2. RESEARCH METHODOLOGY

- 2.1. Research Process
- 2.2. Data Collection & Validation
 - 2.2.1. Secondary Research
 - 2.2.2. Primary Research/Interviews with Key Opinion Leaders of the Industry
- 2.3. Market Sizing and forecast
 - 2.3.1. Market Size Estimation Approach
 - 2.3.2. Growth Forecast Approach
- 2.4. Assumptions for the Study
- 2.5. Limitations of the Study

3. EXECUTIVE SUMMARY

- 3.1. Overview
- 3.2. Segmental Analysis
 - 3.2.1. Spirulina Market Analysis: by Product Type
 - 3.2.2. Spirulina Market Analysis: by Application
 - 3.2.3. Spirulina Market Analysis: by Distribution Channel
- 3.3. Regional Analysis
- 3.4. Key Players

4. INDUSTRY OUTLOOK

- 4.1. Overview
- 4.2. Spirulina Dosages
 - 4.2.1. Spirulina: Recommended Daily Dosage
 - 4.2.2. Common Spirulina Dosages
- 4.3. Value Chain Analysis
 - 4.3.1. Overview

4.3.2. Inputs/Suppliers

4.3.3. Cultivation and Processing

4.3.3.1. Key Spirulina Producers, by Size

4.3.3.1.1. Microfarmers (

List Of Tables

LIST OF TABLES

Table 1 Spirulina: Recommended Daily Dosage, by Category

Table 2 Indicative List of Spirulina Supplement Providers and their Product Formulations

Table 3 List of Spirulina Microfarmers (

List Of Figures

LIST OF FIGURES

- Figure 1 Market Ecosystem
- Figure 2 Key Stakeholders
- Figure 3 Research Process
- Figure 4 Key Secondary Sources Referenced for this Study
- Figure 5 Primary Research Techniques
- Figure 6 Key Executives Interviewed
- Figure 7 Breakdown of Primary Interviews (Supply-Side & Demand-Side)
- Figure 8 Market Sizing and Growth Forecast
- Figure 9 In 2023, the Powder Segment to Account for the Largest Share
- Figure 10 In 2023, the Nutraceuticals Segment to Dominate the Market
- Figure 11 The Business Channel Segment to Register the Highest CAGR During 2023–2030
- Figure 12 Europe to be the Fastest-Growing Regional Market
- Figure 13 Benefits of Consuming 5-10 Grams of Spirulina Every Day
- Figure 14 Spirulina Supplements: Most Common Dosage forms
- Figure 15 Global Spirulina Market Value Chain
- Figure 16 Global Spirulina Market: Porter's Five Forces Analysis
- Figure 17 Factors Affecting Market Growth
- Figure 18 Spirulina Vs. Other Foods: Nutrient Profile
- Figure 19 Top Ten Countries with the Highest Rates of Vegetarianism, 2020 (%)
- Figure 20 Global Spirulina Market, by Product Type, 2023 Vs. 2030 (USD Thousand)
- Figure 21 Global Spirulina Market, by Product Type, 2023 Vs. 2030 (Tons)
- Figure 22 Global Spirulina Market, by Distribution Channel, 2023 Vs. 2030 (USD Thousand)
- Figure 23 Spirulina: Business Channel
- Figure 24 Spirulina: Consumer Channel
- Figure 25 Global Spirulina Market, by Application, 2023–2030 (USD Thousand)
- Figure 26 Possible Effect of Spirulina Extract on Agriculture
- Figure 27 Global Spirulina Market, by Region, 2023 Vs. 2030 (USD Thousand)
- Figure 28 Global Spirulina Market, by Region, 2023 Vs. 2030 (Tons)
- Figure 29 North America: Spirulina Market Snapshot, 2023
- Figure 30 Asia-Pacific: Spirulina Market Snapshot, 2023
- Figure 31 Rope: Spirulina Market Snapshot (2023)
- Figure 32 Latin America: Spirulina Market Snapshot, 2023
- Figure 33 Middle East & Africa: Spirulina Market Snapshot, 2023

- Figure 34 Key Growth Strategies Adopted by Leading Players (2020–2023)
- Figure 35 Competitive Dashboard: Global Spirulina Market
- Figure 36 Global Spirulina Market Competitive Benchmarking, by Application
- Figure 37 DIC Corporation: Financial Overview (2022)
- Figure 38 E.I.D. - Parry (India) Limited: Financial Overview (2022)
- Figure 39 Cyanotech Corporation: Financial Overview (2022)
- Figure 40 Givaudan SA: Financial Overview (2022)

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