

# **Global Beta Glucan Market Size study, by Source (Cereal, Mushroom, Yeast, Seaweed), by Application (Food & Beverages, Cosmetics & Personal Care), by Product, and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/GFB030BD16E2EN.html>

Date: April 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: GFB030BD16E2EN

## **Abstracts**

The Global Beta Glucan Market is valued at approximately USD 0.64 billion in 2023 and is projected to grow with a compelling CAGR of 8.00% over the forecast period from 2024 to 2032. Beta glucan, a biologically active polysaccharide, has rapidly moved into the spotlight of the health-conscious consumer base due to its vast functional potential and impressive nutraceutical profile. Found abundantly in oats, barley, mushrooms, seaweed, and yeast, beta glucan is renowned for its immunomodulatory, cholesterol-lowering, and skin-enhancing capabilities. This versatility, paired with growing consumer demand for functional foods and holistic skincare solutions, is fueling robust innovation and commercial expansion in the beta glucan market worldwide.

The surge in plant-based and clean-label product consumption has significantly lifted the demand for beta glucan across both food & beverage and personal care verticals. In the functional food space, cereal-derived beta glucans are being embraced for their role in heart health and gut microbiota support, finding utility in everything from breakfast cereals to protein bars and dairy alternatives. Meanwhile, the cosmetics industry is increasingly drawn to mushroom and yeast-sourced beta glucans for their skin-soothing, anti-aging, and barrier-repair properties. These naturally sourced polysaccharides are being incorporated into an expanding array of serums, creams, and lotions aimed at ingredient-conscious consumers seeking sustainable, chemical-free beauty solutions.

Despite its promising outlook, the beta glucan market must navigate several headwinds. Regulatory disparities in health claims across regions can create barriers for new product introductions, particularly in fortified foods. Moreover, sourcing

challenges—especially in wild-harvested mushrooms and seaweed—can lead to fluctuations in raw material pricing and supply consistency. However, advancements in biotechnology and controlled fermentation processes are helping manufacturers stabilize yields and customize beta glucan types for different bioactivities, giving the industry a strategic edge in product diversification and efficacy optimization.

In the innovation arena, brands are actively differentiating their offerings through proprietary extraction techniques and patented blends that enhance bioavailability and solubility. Formulations combining beta glucan with probiotics, vitamins, or herbal extracts are being launched to target niche consumer needs—ranging from immunity boosters and weight management to anti-inflammatory skincare routines. Direct-to-consumer channels and e-commerce platforms have further empowered brands to educate customers on the science behind beta glucan, accelerating global adoption and brand loyalty in developed and emerging markets alike.

Regionally, Europe holds the lion's share of the beta glucan market, driven by robust clinical research, high consumer health awareness, and stringent food labeling laws. North America follows closely, spurred by the rising popularity of personalized nutrition and wellness-focused skincare. Asia Pacific is forecasted to witness the fastest growth, fueled by a rich tradition of medicinal mushroom use, burgeoning health supplements demand, and growing affluence in countries like China, Japan, and South Korea. Latin America and the Middle East & Africa, although at earlier stages of market maturity, are increasingly integrating beta glucan in fortified foods and cosmetics, supported by evolving dietary preferences and improving retail infrastructure.

Major market player included in this report are:

Lesaffre Group

DSM Nutritional Products

Kerry Group plc

Cargill, Incorporated

Tate & Lyle PLC

AIT Ingredients

Ceapro Inc.

Ohly GmbH

Biothera Pharmaceuticals Inc.

Super Beta Glucan Inc.

Garuda International Inc.

TateHokko Chemical Industry Co., Ltd.

Angel Yeast Co., Ltd.

Lallemand Inc.

Immudyne Nutritional

The detailed segments and sub-segment of the market are explained below:

#### By Source

Cereal

Mushroom

Yeast

Seaweed

#### By Application

Food & Beverages

Cosmetics & Personal Care

## By Product

Soluble Beta Glucan

Insoluble Beta Glucan

## By Region:

### North America

U.S.

Canada

### Europe

UK

Germany

France

Spain

Italy

ROE

### Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major

regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL BETA GLUCAN MARKET EXECUTIVE SUMMARY**

- 1.1. Global Beta Glucan Market Size & Forecast (2022–2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Source
  - 1.3.2. By Application
  - 1.3.3. By Product
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL BETA GLUCAN MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL BETA GLUCAN MARKET DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Growing Demand for Functional Foods & Nutraceuticals
- 3.1.2. Clean Label & Plant Based Ingredient Trends
- 3.1.3. Rising Usage in Cosmetics & Personal Care

### 3.2. Market Challenges

- 3.2.1. Regulatory Disparities on Health Claims
- 3.2.2. Supply Chain & Sourcing Instabilities

### 3.3. Market Opportunities

- 3.3.1. Advancements in Fermentation & Extraction Technologies
- 3.3.2. Innovative Blends & Patented Formulations
- 3.3.3. Expansion via D2C & E commerce Channels

## **CHAPTER 4. GLOBAL BETA GLUCAN MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top Investment Opportunity

### 4.4. Top Winning Strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL BETA GLUCAN MARKET SIZE & FORECASTS BY SOURCE 2022–2032**

### 5.1. Segment Dashboard



## 5.2. Global Beta Glucan Market: Source Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 5.2.1. Cereal
- 5.2.2. Mushroom
- 5.2.3. Yeast
- 5.2.4. Seaweed

## **CHAPTER 6. GLOBAL BETA GLUCAN MARKET SIZE & FORECASTS BY APPLICATION 2022–2032**

### 6.1. Segment Dashboard

### 6.2. Global Beta Glucan Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 6.2.1. Food & Beverages
- 6.2.2. Cosmetics & Personal Care

## **CHAPTER 7. GLOBAL BETA GLUCAN MARKET SIZE & FORECASTS BY PRODUCT 2022–2032**

### 7.1. Segment Dashboard

### 7.2. Global Beta Glucan Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 7.2.1. Soluble Beta Glucan
- 7.2.2. Insoluble Beta Glucan

## **CHAPTER 8. GLOBAL BETA GLUCAN MARKET SIZE & FORECASTS BY REGION 2022–2032**

### 8.1. North America Market

- 8.1.1. U.S. Market
- 8.1.2. Canada Market

### 8.2. Europe Market

- 8.2.1. UK Market
- 8.2.2. Germany Market
- 8.2.3. France Market
- 8.2.4. Spain Market
- 8.2.5. Italy Market
- 8.2.6. Rest of Europe Market

### 8.3. Asia Pacific Market

- 8.3.1. China Market
- 8.3.2. India Market
- 8.3.3. Japan Market
- 8.3.4. Australia Market
- 8.3.5. South Korea Market
- 8.3.6. Rest of Asia Pacific Market
- 8.4. Latin America Market
  - 8.4.1. Brazil Market
  - 8.4.2. Mexico Market
  - 8.4.3. Rest of Latin America Market
- 8.5. Middle East & Africa Market
  - 8.5.1. Saudi Arabia Market
  - 8.5.2. South Africa Market
  - 8.5.3. Rest of Middle East & Africa Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Lesaffre Group
  - 9.1.2. DSM Nutritional Products
  - 9.1.3. Kerry Group plc
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Lesaffre Group
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Market Strategies
  - 9.3.2. Cargill, Incorporated
  - 9.3.3. Tate & Lyle PLC
  - 9.3.4. AIT Ingredients
  - 9.3.5. Ceapro Inc.
  - 9.3.6. Ohly GmbH
  - 9.3.7. Biothera Pharmaceuticals Inc.
  - 9.3.8. Super Beta Glucan Inc.
  - 9.3.9. Garuda International Inc.
  - 9.3.10. TateHokko Chemical Industry Co., Ltd.
  - 9.3.11. Angel Yeast Co., Ltd.

9.3.12. Lallemand Inc.

9.3.13. Immudyne Nutritional

## **CHAPTER 10. RESEARCH PROCESS**

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Beta Glucan market, report scope

TABLE 2. Global Beta Glucan market estimates & forecasts by Region 2022–2032  
(USD Million/Billion)

TABLE 3. Global Beta Glucan market estimates & forecasts by Source 2022–2032  
(USD Million/Billion)

TABLE 4. Global Beta Glucan market estimates & forecasts by Application 2022–2032  
(USD Million/Billion)

TABLE 5. Global Beta Glucan market estimates & forecasts by Product 2022–2032  
(USD Million/Billion)

TABLE 6. U.S. Beta Glucan market estimates & forecasts 2022–2032 (USD  
Million/Billion)

TABLE 7. Canada Beta Glucan market estimates & forecasts 2022–2032 (USD  
Million/Billion)

TABLE 8. U.S. Beta Glucan market by Source & Application 2022–2032 (USD  
Million/Billion)

TABLE 9. Canada Beta Glucan market by Source & Application 2022–2032 (USD  
Million/Billion)

TABLE 10. Europe Beta Glucan market estimates & forecasts 2022–2032 (USD  
Million/Billion)

TABLE 11. Asia Pacific Beta Glucan market estimates & forecasts 2022–2032 (USD  
Million/Billion)

TABLE 12. Latin America Beta Glucan market estimates & forecasts 2022–2032 (USD  
Million/Billion)

TABLE 13. Middle East & Africa Beta Glucan market estimates & forecasts 2022–2032  
(USD Million/Billion)

TABLE 14. Global Beta Glucan price trend analysis 2022–2032 (USD Million/Billion)

TABLE 15. Beta Glucan company market share analysis (2023)

TABLE 16. Import-export volume trends by region 2022–2023

TABLE 17. Extraction technology comparison matrix

TABLE 18. Source wise production capacity analysis (2023)

TABLE 19. Application wise consumption analysis (2023)

TABLE 20. Competitive benchmarking of top players

## I would like to order

Product name: Global Beta Glucan Market Size study, by Source (Cereal, Mushroom, Yeast, Seaweed), by Application (Food & Beverages, Cosmetics & Personal Care), by Product, and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/GFB030BD16E2EN.html>

Price: US\$ 3,218.00 (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/GFB030BD16E2EN.html>