

# Global Biomanufacturing in Food and Nutrition Market 2026 by Company, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GA72847F4B72EN.html>

Date: January 2026

Pages: 201

Price: US\$ 3,480.00 (Single User License)

ID: GA72847F4B72EN

## Abstracts

According to our (Global Info Research) latest study, the global Biomanufacturing in Food and Nutrition market size was valued at US\$ 24230 million in 2025 and is forecast to a readjusted size of US\$ 39612 million by 2032 with a CAGR of 7.4% during review period.

Biomanufacturing in food and nutrition essentially uses microbial cell factories, enzyme engineering, and synthetic biology as its underlying tools. Through fermentation or biocatalysis, it directionally produces key ingredients such as proteins, amino acids, vitamins, fatty acids, probiotics, enzyme preparations, functional sugars, pigments, flavorings, and biopreservatives. This provides more sustainable, controllable, and functional raw material solutions for general foods, fermented foods, functional health foods, special medical foods, and infant formula. Compared to traditional agricultural and chemical pathways, biomanufacturing can significantly optimize resource efficiency in terms of land, energy, and carbon emissions. Furthermore, through precise fermentation, structured design, and customized control, it can achieve purity, consistency, and functional properties that are difficult to achieve with traditional processes. Therefore, it is not only an important tool for supply chain restructuring and "carbon reduction + resilience," but also a key support for the continuous upgrading of functional nutrition, precision nutrition, and nutrition for special populations.

Currently, global policies are increasingly favoring the bioeconomy and healthy eating, and consumer demand for natural, low-sugar, high-protein, and gut-friendly products continues to rise. Multinational giants and startups are accelerating their expansion in areas such as protein, pigments, functional sugars, and probiotics. However, the industry also faces constraints such as process scaling up, cost control, compliance

approvals, and a shortage of interdisciplinary talent. Overall, biomanufacturing in food and nutrition has moved from the "concept and demonstration phase" to the "application expansion and structural upgrading phase," and in the future, it will move more from supplying single ingredients to providing systematic nutritional solutions tailored to specific scenarios and populations.

Biomanufacturing in the food and nutrition sector is rapidly transitioning from traditional microbial fermentation, enzyme catalysis, and conventional microbial fermentation processing to a new generation of technologies centered on precision fermentation, synthetic biology, enzyme engineering, metabolic engineering, and cell factory construction. This technological upgrade is directly related to the leaps in the biological toolchain over the past decade, including reduced DNA synthesis costs, standardization of CRISPR gene editing, the rise of automated bioreaction systems, AI-assisted protein design and metabolic pathway optimization, and the maturity of low-cost, high-throughput screening platforms. Furthermore, the scope of biomanufacturing has significantly broadened, expanding from traditional food fermentation industries to a wider functional nutrition market, encompassing everything from proteins to pigments, functional sugars to microbial lipids, probiotics, vitamins, and fatty acids.

Simultaneously, the commercialization direction of these technologies is rapidly becoming clearer. On one hand, the small-molecule nutrient system (vitamins, amino acids, functional sugars) has the highest maturity, with process costs and supply chain stability already possessing global scalability competitiveness. On the other hand, precision fermentation routes for large-molecule proteins, novel fatty acids, pigments, and flavor molecules are still in the early stages of commercialization, but are gradually moving towards food-grade applications as costs decrease and downstream substitution demand increases. Overall, the industry's technological characteristics are characterized by "rapid upstream technological innovation, faster downstream implementation, and enhanced cross-industry integration," presenting a typical iterative path of "technology-driven, application-driven, and capital-promoted."

This report is a detailed and comprehensive analysis for global Biomanufacturing in Food and Nutrition market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

**Key Features:**

Global Biomanufacturing in Food and Nutrition market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Biomanufacturing in Food and Nutrition market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Biomanufacturing in Food and Nutrition market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Biomanufacturing in Food and Nutrition market shares of main players, in revenue (\$ Million), 2021-2026

**The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Biomanufacturing in Food and Nutrition

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Biomanufacturing in Food and Nutrition market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Novozymes, DSM, Meihua Holdings Group, Ingredion Incorporated, Lesaffre, Angel Yeast, International Flavors & Fragrances Inc., Corbion, Tate & Lyle, FrieslandCampina Ingredients, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

**Market segmentation**

Biomanufacturing in Food and Nutrition market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

**Market segment by Type**

Amino Acids

Pigments

Enzymes

Flavors

Fatty acids

Proteins

Biopreservatives

Yeast Extract

Vitamins

Probiotics

Functional Sweeteners

Others

#### Market segment by Function

Acidity Regulators

Preservatives

Defoamers

Spices

Sweeteners

Nutritional Supplements

Enzymes

Flavor Enhancers

Others

#### Market segment by Process

Bio-fermentation

Enzymatic Hydrolysis

#### Market segment by Application

General Food

Fermented Food

Functional Health Food

Special Medical Food

Infant Formula Food

#### Market segment by players, this report covers

Novozymes

DSM

Meihua Holdings Group

Ingredion Incorporated

Lesaffre

Angel Yeast

International Flavors & Fragrances Inc.

Corbion

Tate & Lyle

FrieslandCampina Ingredients

Takasago International

CSPC Pharmaceutical Group

Cargill

Amano Enzyme

Baolingbao Biology Co

Luwei Pharmaceutical Group

Lallemand

Shandong Sanyuan Biotechnology

Shandong Bailong Chuangyuan Bio-Tech

Zhejiang Shengda Bio-Pharm

CABIO Biotech

Syensqo

BASF

Xiamen Oamic BIOTECH Co

Symrise AG

JNC Corporation

Perfect Day, Inc

Agropur

Zhejiang NHU Company

Arla Foods Ingredients

VTR Biotech

Lushang Freda Pharmaceutical Co

VACURE Biotechnology Co

Chihon Biotechnology Co

Qingdao Vland Biotech

Hubei Guangji Pharmaceutical

Yifan Pharmaceutical

LCY Group

Jiangxi Fushine Pharmaceutical

FUJI OIL CO

Shanghai We Cheer Biotechnology

Kunshan Asia Aroma Corp

Cyanotech

Yufeng Industry Group

Wuhan Sunhy Biology

Solar Foods

Algalif

Lycored

Beijing Gingko Group Biological Technology Co

Yunnan Alphy Biotech

Biozymes

Ningxia Kingvit Pharmaceutical

Lifecome Biochemistry

North China Pharmaceutical

Divi's Laboratories

Shanghai Changing Biological

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 13 chapters:**

*Global Biomanufacturing in Food and Nutrition Market 2026 by Company, Regions, Type and Application, Forecast...*

Chapter 1, to describe Biomanufacturing in Food and Nutrition product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Biomanufacturing in Food and Nutrition, with revenue, gross margin, and global market share of Biomanufacturing in Food and Nutrition from 2021 to 2026.

Chapter 3, the Biomanufacturing in Food and Nutrition competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Biomanufacturing in Food and Nutrition market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Biomanufacturing in Food and Nutrition.

Chapter 13, to describe Biomanufacturing in Food and Nutrition research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Classification of Biomanufacturing in Food and Nutrition by Type

1.3.1 Overview: Global Biomanufacturing in Food and Nutrition Market Size by Type: 2021 Versus 2025 Versus 2032

1.3.2 Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Type in 2025

1.3.3 Amino Acids

1.3.4 Pigments

1.3.5 Enzymes

1.3.6 Flavors

1.3.7 Fatty acids

1.3.8 Proteins

1.3.9 Biopreservatives

1.3.10 Yeast Extract

1.3.11 Vitamins

1.4 Classification of Biomanufacturing in Food and Nutrition by Function

1.4.1 Overview: Global Biomanufacturing in Food and Nutrition Market Size by Function: 2021 Versus 2025 Versus 2032

1.4.2 Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Function in 2025

1.4.3 Acidity Regulators

1.4.4 Preservatives

1.4.5 Defoamers

1.4.6 Spices

1.4.7 Sweeteners

1.4.8 Nutritional Supplements

1.4.9 Enzymes

1.4.10 Flavor Enhancers

1.4.11 Others

1.5 Classification of Biomanufacturing in Food and Nutrition by Process

1.5.1 Overview: Global Biomanufacturing in Food and Nutrition Market Size by Process: 2021 Versus 2025 Versus 2032

1.5.2 Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Process in 2025

- 1.5.3 Bio-fermentation
- 1.5.4 Enzymatic Hydrolysis
- 1.6 Global Biomanufacturing in Food and Nutrition Market by Application
  - 1.6.1 Overview: Global Biomanufacturing in Food and Nutrition Market Size by Application: 2021 Versus 2025 Versus 2032
  - 1.6.2 General Food
  - 1.6.3 Fermented Food
  - 1.6.4 Functional Health Food
  - 1.6.5 Special Medical Food
  - 1.6.6 Infant Formula Food
- 1.7 Global Biomanufacturing in Food and Nutrition Market Size & Forecast
- 1.8 Global Biomanufacturing in Food and Nutrition Market Size and Forecast by Region
  - 1.8.1 Global Biomanufacturing in Food and Nutrition Market Size by Region: 2021 VS 2025 VS 2032
  - 1.8.2 Global Biomanufacturing in Food and Nutrition Market Size by Region, (2021-2032)
  - 1.8.3 North America Biomanufacturing in Food and Nutrition Market Size and Prospect (2021-2032)
  - 1.8.4 Europe Biomanufacturing in Food and Nutrition Market Size and Prospect (2021-2032)
  - 1.8.5 Asia-Pacific Biomanufacturing in Food and Nutrition Market Size and Prospect (2021-2032)
  - 1.8.6 South America Biomanufacturing in Food and Nutrition Market Size and Prospect (2021-2032)
  - 1.8.7 Middle East & Africa Biomanufacturing in Food and Nutrition Market Size and Prospect (2021-2032)

## **2 COMPANY PROFILES**

- 2.1 Novozymes
  - 2.1.1 Novozymes Details
  - 2.1.2 Novozymes Major Business
  - 2.1.3 Novozymes Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.1.4 Novozymes Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.1.5 Novozymes Recent Developments and Future Plans
- 2.2 DSM
  - 2.2.1 DSM Details
  - 2.2.2 DSM Major Business

- 2.2.3 DSM Biomanufacturing in Food and Nutrition Product and Solutions
- 2.2.4 DSM Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 DSM Recent Developments and Future Plans
- 2.3 Meihua Holdings Group
  - 2.3.1 Meihua Holdings Group Details
  - 2.3.2 Meihua Holdings Group Major Business
  - 2.3.3 Meihua Holdings Group Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.3.4 Meihua Holdings Group Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.3.5 Meihua Holdings Group Recent Developments and Future Plans
- 2.4 Ingredion Incorporated
  - 2.4.1 Ingredion Incorporated Details
  - 2.4.2 Ingredion Incorporated Major Business
  - 2.4.3 Ingredion Incorporated Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.4.4 Ingredion Incorporated Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.4.5 Ingredion Incorporated Recent Developments and Future Plans
- 2.5 Lesaffre
  - 2.5.1 Lesaffre Details
  - 2.5.2 Lesaffre Major Business
  - 2.5.3 Lesaffre Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.5.4 Lesaffre Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.5.5 Lesaffre Recent Developments and Future Plans
- 2.6 Angel Yeast
  - 2.6.1 Angel Yeast Details
  - 2.6.2 Angel Yeast Major Business
  - 2.6.3 Angel Yeast Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.6.4 Angel Yeast Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.6.5 Angel Yeast Recent Developments and Future Plans
- 2.7 International Flavors & Fragrances Inc.
  - 2.7.1 International Flavors & Fragrances Inc. Details
  - 2.7.2 International Flavors & Fragrances Inc. Major Business
  - 2.7.3 International Flavors & Fragrances Inc. Biomanufacturing in Food and Nutrition Product and Solutions

2.7.4 International Flavors & Fragrances Inc. Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 International Flavors & Fragrances Inc. Recent Developments and Future Plans  
2.8 Corbion

2.8.1 Corbion Details

2.8.2 Corbion Major Business

2.8.3 Corbion Biomanufacturing in Food and Nutrition Product and Solutions

2.8.4 Corbion Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Corbion Recent Developments and Future Plans

2.9 Tate & Lyle

2.9.1 Tate & Lyle Details

2.9.2 Tate & Lyle Major Business

2.9.3 Tate & Lyle Biomanufacturing in Food and Nutrition Product and Solutions

2.9.4 Tate & Lyle Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Tate & Lyle Recent Developments and Future Plans

2.10 FrieslandCampina Ingredients

2.10.1 FrieslandCampina Ingredients Details

2.10.2 FrieslandCampina Ingredients Major Business

2.10.3 FrieslandCampina Ingredients Biomanufacturing in Food and Nutrition Product and Solutions

2.10.4 FrieslandCampina Ingredients Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 FrieslandCampina Ingredients Recent Developments and Future Plans

2.11 Takasago International

2.11.1 Takasago International Details

2.11.2 Takasago International Major Business

2.11.3 Takasago International Biomanufacturing in Food and Nutrition Product and Solutions

2.11.4 Takasago International Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Takasago International Recent Developments and Future Plans

2.12 CSPC Pharmaceutical Group

2.12.1 CSPC Pharmaceutical Group Details

2.12.2 CSPC Pharmaceutical Group Major Business

2.12.3 CSPC Pharmaceutical Group Biomanufacturing in Food and Nutrition Product and Solutions

2.12.4 CSPC Pharmaceutical Group Biomanufacturing in Food and Nutrition Revenue,

## Gross Margin and Market Share (2021-2026)

### 2.12.5 CSPC Pharmaceutical Group Recent Developments and Future Plans

## 2.13 Cargill

### 2.13.1 Cargill Details

### 2.13.2 Cargill Major Business

### 2.13.3 Cargill Biomanufacturing in Food and Nutrition Product and Solutions

### 2.13.4 Cargill Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.13.5 Cargill Recent Developments and Future Plans

## 2.14 Amano Enzyme

### 2.14.1 Amano Enzyme Details

### 2.14.2 Amano Enzyme Major Business

### 2.14.3 Amano Enzyme Biomanufacturing in Food and Nutrition Product and Solutions

### 2.14.4 Amano Enzyme Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.14.5 Amano Enzyme Recent Developments and Future Plans

## 2.15 Baolingbao Biology Co

### 2.15.1 Baolingbao Biology Co Details

### 2.15.2 Baolingbao Biology Co Major Business

### 2.15.3 Baolingbao Biology Co Biomanufacturing in Food and Nutrition Product and Solutions

### 2.15.4 Baolingbao Biology Co Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.15.5 Baolingbao Biology Co Recent Developments and Future Plans

## 2.16 Luwei Pharmaceutical Group

### 2.16.1 Luwei Pharmaceutical Group Details

### 2.16.2 Luwei Pharmaceutical Group Major Business

### 2.16.3 Luwei Pharmaceutical Group Biomanufacturing in Food and Nutrition Product and Solutions

### 2.16.4 Luwei Pharmaceutical Group Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.16.5 Luwei Pharmaceutical Group Recent Developments and Future Plans

## 2.17 Lallemand

### 2.17.1 Lallemand Details

### 2.17.2 Lallemand Major Business

### 2.17.3 Lallemand Biomanufacturing in Food and Nutrition Product and Solutions

### 2.17.4 Lallemand Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.17.5 Lallemand Recent Developments and Future Plans

## 2.18 Shandong Sanyuan Biotechnology

2.18.1 Shandong Sanyuan Biotechnology Details

2.18.2 Shandong Sanyuan Biotechnology Major Business

2.18.3 Shandong Sanyuan Biotechnology Biomanufacturing in Food and Nutrition Product and Solutions

2.18.4 Shandong Sanyuan Biotechnology Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.18.5 Shandong Sanyuan Biotechnology Recent Developments and Future Plans

## 2.19 Shandong Bailong Chuangyuan Bio-Tech

2.19.1 Shandong Bailong Chuangyuan Bio-Tech Details

2.19.2 Shandong Bailong Chuangyuan Bio-Tech Major Business

2.19.3 Shandong Bailong Chuangyuan Bio-Tech Biomanufacturing in Food and Nutrition Product and Solutions

2.19.4 Shandong Bailong Chuangyuan Bio-Tech Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.19.5 Shandong Bailong Chuangyuan Bio-Tech Recent Developments and Future Plans

## 2.20 Zhejiang Shengda Bio-Pharm

2.20.1 Zhejiang Shengda Bio-Pharm Details

2.20.2 Zhejiang Shengda Bio-Pharm Major Business

2.20.3 Zhejiang Shengda Bio-Pharm Biomanufacturing in Food and Nutrition Product and Solutions

2.20.4 Zhejiang Shengda Bio-Pharm Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.20.5 Zhejiang Shengda Bio-Pharm Recent Developments and Future Plans

## 2.21 CABIO Biotech

2.21.1 CABIO Biotech Details

2.21.2 CABIO Biotech Major Business

2.21.3 CABIO Biotech Biomanufacturing in Food and Nutrition Product and Solutions

2.21.4 CABIO Biotech Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.21.5 CABIO Biotech Recent Developments and Future Plans

## 2.22 Syensqo

2.22.1 Syensqo Details

2.22.2 Syensqo Major Business

2.22.3 Syensqo Biomanufacturing in Food and Nutrition Product and Solutions

2.22.4 Syensqo Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.22.5 Syensqo Recent Developments and Future Plans

## 2.23 BASF

### 2.23.1 BASF Details

### 2.23.2 BASF Major Business

### 2.23.3 BASF Biomanufacturing in Food and Nutrition Product and Solutions

### 2.23.4 BASF Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.23.5 BASF Recent Developments and Future Plans

## 2.24 Xiamen Oamic BIOTECH Co

### 2.24.1 Xiamen Oamic BIOTECH Co Details

### 2.24.2 Xiamen Oamic BIOTECH Co Major Business

### 2.24.3 Xiamen Oamic BIOTECH Co Biomanufacturing in Food and Nutrition Product and Solutions

### 2.24.4 Xiamen Oamic BIOTECH Co Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.24.5 Xiamen Oamic BIOTECH Co Recent Developments and Future Plans

## 2.25 Symrise AG

### 2.25.1 Symrise AG Details

### 2.25.2 Symrise AG Major Business

### 2.25.3 Symrise AG Biomanufacturing in Food and Nutrition Product and Solutions

### 2.25.4 Symrise AG Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.25.5 Symrise AG Recent Developments and Future Plans

## 2.26 JNC Corporation

### 2.26.1 JNC Corporation Details

### 2.26.2 JNC Corporation Major Business

### 2.26.3 JNC Corporation Biomanufacturing in Food and Nutrition Product and Solutions

### 2.26.4 JNC Corporation Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.26.5 JNC Corporation Recent Developments and Future Plans

## 2.27 Perfect Day, Inc

### 2.27.1 Perfect Day, Inc Details

### 2.27.2 Perfect Day, Inc Major Business

### 2.27.3 Perfect Day, Inc Biomanufacturing in Food and Nutrition Product and Solutions

### 2.27.4 Perfect Day, Inc Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

### 2.27.5 Perfect Day, Inc Recent Developments and Future Plans

## 2.28 Agropur

### 2.28.1 Agropur Details

### 2.28.2 Agropur Major Business

- 2.28.3 Agropur Biomanufacturing in Food and Nutrition Product and Solutions
- 2.28.4 Agropur Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
- 2.28.5 Agropur Recent Developments and Future Plans
- 2.29 Zhejiang NHU Company
  - 2.29.1 Zhejiang NHU Company Details
  - 2.29.2 Zhejiang NHU Company Major Business
  - 2.29.3 Zhejiang NHU Company Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.29.4 Zhejiang NHU Company Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.29.5 Zhejiang NHU Company Recent Developments and Future Plans
- 2.30 Arla Foods Ingredients
  - 2.30.1 Arla Foods Ingredients Details
  - 2.30.2 Arla Foods Ingredients Major Business
  - 2.30.3 Arla Foods Ingredients Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.30.4 Arla Foods Ingredients Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.30.5 Arla Foods Ingredients Recent Developments and Future Plans
- 2.31 VTR Biotech
  - 2.31.1 VTR Biotech Details
  - 2.31.2 VTR Biotech Major Business
  - 2.31.3 VTR Biotech Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.31.4 VTR Biotech Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.31.5 VTR Biotech Recent Developments and Future Plans
- 2.32 Lushang Freda Pharmaceutical Co
  - 2.32.1 Lushang Freda Pharmaceutical Co Details
  - 2.32.2 Lushang Freda Pharmaceutical Co Major Business
  - 2.32.3 Lushang Freda Pharmaceutical Co Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.32.4 Lushang Freda Pharmaceutical Co Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.32.5 Lushang Freda Pharmaceutical Co Recent Developments and Future Plans
- 2.33 VACURE Biotechnology Co
  - 2.33.1 VACURE Biotechnology Co Details
  - 2.33.2 VACURE Biotechnology Co Major Business
  - 2.33.3 VACURE Biotechnology Co Biomanufacturing in Food and Nutrition Product

and Solutions

2.33.4 VACURE Biotechnology Co Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.33.5 VACURE Biotechnology Co Recent Developments and Future Plans

2.34 Chihon Biotechnology Co

2.34.1 Chihon Biotechnology Co Details

2.34.2 Chihon Biotechnology Co Major Business

2.34.3 Chihon Biotechnology Co Biomanufacturing in Food and Nutrition Product and Solutions

2.34.4 Chihon Biotechnology Co Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.34.5 Chihon Biotechnology Co Recent Developments and Future Plans

2.35 Qingdao Vland Biotech

2.35.1 Qingdao Vland Biotech Details

2.35.2 Qingdao Vland Biotech Major Business

2.35.3 Qingdao Vland Biotech Biomanufacturing in Food and Nutrition Product and Solutions

2.35.4 Qingdao Vland Biotech Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.35.5 Qingdao Vland Biotech Recent Developments and Future Plans

2.36 Hubei Guangji Pharmaceutical

2.36.1 Hubei Guangji Pharmaceutical Details

2.36.2 Hubei Guangji Pharmaceutical Major Business

2.36.3 Hubei Guangji Pharmaceutical Biomanufacturing in Food and Nutrition Product and Solutions

2.36.4 Hubei Guangji Pharmaceutical Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.36.5 Hubei Guangji Pharmaceutical Recent Developments and Future Plans

2.37 Yifan Pharmaceutical

2.37.1 Yifan Pharmaceutical Details

2.37.2 Yifan Pharmaceutical Major Business

2.37.3 Yifan Pharmaceutical Biomanufacturing in Food and Nutrition Product and Solutions

2.37.4 Yifan Pharmaceutical Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)

2.37.5 Yifan Pharmaceutical Recent Developments and Future Plans

2.38 LCY Group

2.38.1 LCY Group Details

2.38.2 LCY Group Major Business

- 2.38.3 LCY Group Biomanufacturing in Food and Nutrition Product and Solutions
- 2.38.4 LCY Group Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
- 2.38.5 LCY Group Recent Developments and Future Plans
- 2.39 Jiangxi Fushine Pharmaceutical
  - 2.39.1 Jiangxi Fushine Pharmaceutical Details
  - 2.39.2 Jiangxi Fushine Pharmaceutical Major Business
  - 2.39.3 Jiangxi Fushine Pharmaceutical Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.39.4 Jiangxi Fushine Pharmaceutical Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.39.5 Jiangxi Fushine Pharmaceutical Recent Developments and Future Plans
- 2.40 FUJI OIL CO
  - 2.40.1 FUJI OIL CO Details
  - 2.40.2 FUJI OIL CO Major Business
  - 2.40.3 FUJI OIL CO Biomanufacturing in Food and Nutrition Product and Solutions
  - 2.40.4 FUJI OIL CO Biomanufacturing in Food and Nutrition Revenue, Gross Margin and Market Share (2021-2026)
  - 2.40.5 FUJI OIL CO Recent Developments and Future Plans

### **3 MARKET COMPETITION, BY PLAYERS**

- 3.1 Global Biomanufacturing in Food and Nutrition Revenue and Share by Players (2021-2026)
- 3.2 Market Share Analysis (2025)
  - 3.2.1 Market Share of Biomanufacturing in Food and Nutrition by Company Revenue
  - 3.2.2 Top 3 Biomanufacturing in Food and Nutrition Players Market Share in 2025
  - 3.2.3 Top 6 Biomanufacturing in Food and Nutrition Players Market Share in 2025
- 3.3 Biomanufacturing in Food and Nutrition Market: Overall Company Footprint Analysis
  - 3.3.1 Biomanufacturing in Food and Nutrition Market: Region Footprint
  - 3.3.2 Biomanufacturing in Food and Nutrition Market: Company Product Type Footprint
  - 3.3.3 Biomanufacturing in Food and Nutrition Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

### **4 MARKET SIZE SEGMENT BY TYPE**

4.1 Global Biomanufacturing in Food and Nutrition Consumption Value and Market Share by Type (2021-2026)

4.2 Global Biomanufacturing in Food and Nutrition Market Forecast by Type (2027-2032)

## **5 MARKET SIZE SEGMENT BY APPLICATION**

5.1 Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Application (2021-2026)

5.2 Global Biomanufacturing in Food and Nutrition Market Forecast by Application (2027-2032)

## **6 NORTH AMERICA**

6.1 North America Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2032)

6.2 North America Biomanufacturing in Food and Nutrition Market Size by Application (2021-2032)

6.3 North America Biomanufacturing in Food and Nutrition Market Size by Country

6.3.1 North America Biomanufacturing in Food and Nutrition Consumption Value by Country (2021-2032)

6.3.2 United States Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

6.3.3 Canada Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

6.3.4 Mexico Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

## **7 EUROPE**

7.1 Europe Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2032)

7.2 Europe Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2032)

7.3 Europe Biomanufacturing in Food and Nutrition Market Size by Country

7.3.1 Europe Biomanufacturing in Food and Nutrition Consumption Value by Country (2021-2032)

7.3.2 Germany Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

7.3.3 France Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

7.3.4 United Kingdom Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

7.3.5 Russia Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

7.3.6 Italy Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

## **8 ASIA-PACIFIC**

8.1 Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2032)

8.2 Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2032)

8.3 Asia-Pacific Biomanufacturing in Food and Nutrition Market Size by Region

8.3.1 Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Region (2021-2032)

8.3.2 China Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

8.3.3 Japan Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

8.3.4 South Korea Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

8.3.5 India Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

8.3.6 Southeast Asia Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

8.3.7 Australia Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

## **9 SOUTH AMERICA**

9.1 South America Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2032)

9.2 South America Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2032)

9.3 South America Biomanufacturing in Food and Nutrition Market Size by Country

9.3.1 South America Biomanufacturing in Food and Nutrition Consumption Value by

Country (2021-2032)

9.3.2 Brazil Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

9.3.3 Argentina Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

## **10 MIDDLE EAST & AFRICA**

10.1 Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2032)

10.2 Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2032)

10.3 Middle East & Africa Biomanufacturing in Food and Nutrition Market Size by Country

10.3.1 Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Country (2021-2032)

10.3.2 Turkey Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

10.3.3 Saudi Arabia Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

10.3.4 UAE Biomanufacturing in Food and Nutrition Market Size and Forecast (2021-2032)

## **11 MARKET DYNAMICS**

11.1 Biomanufacturing in Food and Nutrition Market Drivers

11.2 Biomanufacturing in Food and Nutrition Market Restraints

11.3 Biomanufacturing in Food and Nutrition Trends Analysis

11.4 Porters Five Forces Analysis

11.4.1 Threat of New Entrants

11.4.2 Bargaining Power of Suppliers

11.4.3 Bargaining Power of Buyers

11.4.4 Threat of Substitutes

11.4.5 Competitive Rivalry

## **12 INDUSTRY CHAIN ANALYSIS**

12.1 Biomanufacturing in Food and Nutrition Industry Chain

12.2 Biomanufacturing in Food and Nutrition Upstream Analysis

12.3 Biomanufacturing in Food and Nutrition Midstream Analysis

12.4 Biomanufacturing in Food and Nutrition Downstream Analysis

## **13 RESEARCH FINDINGS AND CONCLUSION**

## **14 APPENDIX**

14.1 Methodology

14.2 Research Process and Data Source

14.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Biomanufacturing in Food and Nutrition Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Biomanufacturing in Food and Nutrition Consumption Value by Function, (USD Million), 2021 & 2025 & 2032

Table 3. Global Biomanufacturing in Food and Nutrition Consumption Value by Process, (USD Million), 2021 & 2025 & 2032

Table 4. Global Biomanufacturing in Food and Nutrition Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Global Biomanufacturing in Food and Nutrition Consumption Value by Region (2021-2026) & (USD Million)

Table 6. Global Biomanufacturing in Food and Nutrition Consumption Value by Region (2027-2032) & (USD Million)

Table 7. Novozymes Company Information, Head Office, and Major Competitors

Table 8. Novozymes Major Business

Table 9. Novozymes Biomanufacturing in Food and Nutrition Product and Solutions

Table 10. Novozymes Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 11. Novozymes Recent Developments and Future Plans

Table 12. DSM Company Information, Head Office, and Major Competitors

Table 13. DSM Major Business

Table 14. DSM Biomanufacturing in Food and Nutrition Product and Solutions

Table 15. DSM Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 16. DSM Recent Developments and Future Plans

Table 17. Meihua Holdings Group Company Information, Head Office, and Major Competitors

Table 18. Meihua Holdings Group Major Business

Table 19. Meihua Holdings Group Biomanufacturing in Food and Nutrition Product and Solutions

Table 20. Meihua Holdings Group Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 21. Ingredion Incorporated Company Information, Head Office, and Major Competitors

Table 22. Ingredion Incorporated Major Business

Table 23. Ingredion Incorporated Biomanufacturing in Food and Nutrition Product and

## Solutions

Table 24. Ingredion Incorporated Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 25. Ingredion Incorporated Recent Developments and Future Plans

Table 26. Lesaffre Company Information, Head Office, and Major Competitors

Table 27. Lesaffre Major Business

Table 28. Lesaffre Biomanufacturing in Food and Nutrition Product and Solutions

Table 29. Lesaffre Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 30. Lesaffre Recent Developments and Future Plans

Table 31. Angel Yeast Company Information, Head Office, and Major Competitors

Table 32. Angel Yeast Major Business

Table 33. Angel Yeast Biomanufacturing in Food and Nutrition Product and Solutions

Table 34. Angel Yeast Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 35. Angel Yeast Recent Developments and Future Plans

Table 36. International Flavors & Fragrances Inc. Company Information, Head Office, and Major Competitors

Table 37. International Flavors & Fragrances Inc. Major Business

Table 38. International Flavors & Fragrances Inc. Biomanufacturing in Food and Nutrition Product and Solutions

Table 39. International Flavors & Fragrances Inc. Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 40. International Flavors & Fragrances Inc. Recent Developments and Future Plans

Table 41. Corbion Company Information, Head Office, and Major Competitors

Table 42. Corbion Major Business

Table 43. Corbion Biomanufacturing in Food and Nutrition Product and Solutions

Table 44. Corbion Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 45. Corbion Recent Developments and Future Plans

Table 46. Tate & Lyle Company Information, Head Office, and Major Competitors

Table 47. Tate & Lyle Major Business

Table 48. Tate & Lyle Biomanufacturing in Food and Nutrition Product and Solutions

Table 49. Tate & Lyle Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 50. Tate & Lyle Recent Developments and Future Plans

Table 51. FrieslandCampina Ingredients Company Information, Head Office, and Major Competitors

- Table 52. FrieslandCampina Ingredients Major Business
- Table 53. FrieslandCampina Ingredients Biomanufacturing in Food and Nutrition Product and Solutions
- Table 54. FrieslandCampina Ingredients Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 55. FrieslandCampina Ingredients Recent Developments and Future Plans
- Table 56. Takasago International Company Information, Head Office, and Major Competitors
- Table 57. Takasago International Major Business
- Table 58. Takasago International Biomanufacturing in Food and Nutrition Product and Solutions
- Table 59. Takasago International Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 60. Takasago International Recent Developments and Future Plans
- Table 61. CSPC Pharmaceutical Group Company Information, Head Office, and Major Competitors
- Table 62. CSPC Pharmaceutical Group Major Business
- Table 63. CSPC Pharmaceutical Group Biomanufacturing in Food and Nutrition Product and Solutions
- Table 64. CSPC Pharmaceutical Group Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 65. CSPC Pharmaceutical Group Recent Developments and Future Plans
- Table 66. Cargill Company Information, Head Office, and Major Competitors
- Table 67. Cargill Major Business
- Table 68. Cargill Biomanufacturing in Food and Nutrition Product and Solutions
- Table 69. Cargill Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 70. Cargill Recent Developments and Future Plans
- Table 71. Amano Enzyme Company Information, Head Office, and Major Competitors
- Table 72. Amano Enzyme Major Business
- Table 73. Amano Enzyme Biomanufacturing in Food and Nutrition Product and Solutions
- Table 74. Amano Enzyme Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 75. Amano Enzyme Recent Developments and Future Plans
- Table 76. Baolingbao Biology Co Company Information, Head Office, and Major Competitors
- Table 77. Baolingbao Biology Co Major Business
- Table 78. Baolingbao Biology Co Biomanufacturing in Food and Nutrition Product and

## Solutions

Table 79. Baolingbao Biology Co Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 80. Baolingbao Biology Co Recent Developments and Future Plans

Table 81. Luwei Pharmaceutical Group Company Information, Head Office, and Major Competitors

Table 82. Luwei Pharmaceutical Group Major Business

Table 83. Luwei Pharmaceutical Group Biomanufacturing in Food and Nutrition Product and Solutions

Table 84. Luwei Pharmaceutical Group Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Luwei Pharmaceutical Group Recent Developments and Future Plans

Table 86. Lallemand Company Information, Head Office, and Major Competitors

Table 87. Lallemand Major Business

Table 88. Lallemand Biomanufacturing in Food and Nutrition Product and Solutions

Table 89. Lallemand Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. Lallemand Recent Developments and Future Plans

Table 91. Shandong Sanyuan Biotechnology Company Information, Head Office, and Major Competitors

Table 92. Shandong Sanyuan Biotechnology Major Business

Table 93. Shandong Sanyuan Biotechnology Biomanufacturing in Food and Nutrition Product and Solutions

Table 94. Shandong Sanyuan Biotechnology Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 95. Shandong Sanyuan Biotechnology Recent Developments and Future Plans

Table 96. Shandong Bailong Chuangyuan Bio-Tech Company Information, Head Office, and Major Competitors

Table 97. Shandong Bailong Chuangyuan Bio-Tech Major Business

Table 98. Shandong Bailong Chuangyuan Bio-Tech Biomanufacturing in Food and Nutrition Product and Solutions

Table 99. Shandong Bailong Chuangyuan Bio-Tech Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 100. Shandong Bailong Chuangyuan Bio-Tech Recent Developments and Future Plans

Table 101. Zhejiang Shengda Bio-Pharm Company Information, Head Office, and Major Competitors

Table 102. Zhejiang Shengda Bio-Pharm Major Business

Table 103. Zhejiang Shengda Bio-Pharm Biomanufacturing in Food and Nutrition

## Product and Solutions

Table 104. Zhejiang Shengda Bio-Pharm Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 105. Zhejiang Shengda Bio-Pharm Recent Developments and Future Plans

Table 106. CABIO Biotech Company Information, Head Office, and Major Competitors

Table 107. CABIO Biotech Major Business

Table 108. CABIO Biotech Biomanufacturing in Food and Nutrition Product and Solutions

Table 109. CABIO Biotech Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 110. CABIO Biotech Recent Developments and Future Plans

Table 111. Syensqo Company Information, Head Office, and Major Competitors

Table 112. Syensqo Major Business

Table 113. Syensqo Biomanufacturing in Food and Nutrition Product and Solutions

Table 114. Syensqo Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Syensqo Recent Developments and Future Plans

Table 116. BASF Company Information, Head Office, and Major Competitors

Table 117. BASF Major Business

Table 118. BASF Biomanufacturing in Food and Nutrition Product and Solutions

Table 119. BASF Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 120. BASF Recent Developments and Future Plans

Table 121. Xiamen Oamic BIOTECH Co Company Information, Head Office, and Major Competitors

Table 122. Xiamen Oamic BIOTECH Co Major Business

Table 123. Xiamen Oamic BIOTECH Co Biomanufacturing in Food and Nutrition Product and Solutions

Table 124. Xiamen Oamic BIOTECH Co Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 125. Xiamen Oamic BIOTECH Co Recent Developments and Future Plans

Table 126. Symrise AG Company Information, Head Office, and Major Competitors

Table 127. Symrise AG Major Business

Table 128. Symrise AG Biomanufacturing in Food and Nutrition Product and Solutions

Table 129. Symrise AG Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 130. Symrise AG Recent Developments and Future Plans

Table 131. JNC Corporation Company Information, Head Office, and Major Competitors

Table 132. JNC Corporation Major Business

Table 133. JNC Corporation Biomanufacturing in Food and Nutrition Product and Solutions

Table 134. JNC Corporation Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 135. JNC Corporation Recent Developments and Future Plans

Table 136. Perfect Day, Inc Company Information, Head Office, and Major Competitors

Table 137. Perfect Day, Inc Major Business

Table 138. Perfect Day, Inc Biomanufacturing in Food and Nutrition Product and Solutions

Table 139. Perfect Day, Inc Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 140. Perfect Day, Inc Recent Developments and Future Plans

Table 141. Agropur Company Information, Head Office, and Major Competitors

Table 142. Agropur Major Business

Table 143. Agropur Biomanufacturing in Food and Nutrition Product and Solutions

Table 144. Agropur Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Agropur Recent Developments and Future Plans

Table 146. Zhejiang NHU Company Company Information, Head Office, and Major Competitors

Table 147. Zhejiang NHU Company Major Business

Table 148. Zhejiang NHU Company Biomanufacturing in Food and Nutrition Product and Solutions

Table 149. Zhejiang NHU Company Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 150. Zhejiang NHU Company Recent Developments and Future Plans

Table 151. Arla Foods Ingredients Company Information, Head Office, and Major Competitors

Table 152. Arla Foods Ingredients Major Business

Table 153. Arla Foods Ingredients Biomanufacturing in Food and Nutrition Product and Solutions

Table 154. Arla Foods Ingredients Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 155. Arla Foods Ingredients Recent Developments and Future Plans

Table 156. VTR Biotech Company Information, Head Office, and Major Competitors

Table 157. VTR Biotech Major Business

Table 158. VTR Biotech Biomanufacturing in Food and Nutrition Product and Solutions

Table 159. VTR Biotech Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 160. VTR Biotech Recent Developments and Future Plans
- Table 161. Lushang Freda Pharmaceutical Co Company Information, Head Office, and Major Competitors
- Table 162. Lushang Freda Pharmaceutical Co Major Business
- Table 163. Lushang Freda Pharmaceutical Co Biomanufacturing in Food and Nutrition Product and Solutions
- Table 164. Lushang Freda Pharmaceutical Co Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 165. Lushang Freda Pharmaceutical Co Recent Developments and Future Plans
- Table 166. VACURE Biotechnology Co Company Information, Head Office, and Major Competitors
- Table 167. VACURE Biotechnology Co Major Business
- Table 168. VACURE Biotechnology Co Biomanufacturing in Food and Nutrition Product and Solutions
- Table 169. VACURE Biotechnology Co Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 170. VACURE Biotechnology Co Recent Developments and Future Plans
- Table 171. Chihon Biotechnology Co Company Information, Head Office, and Major Competitors
- Table 172. Chihon Biotechnology Co Major Business
- Table 173. Chihon Biotechnology Co Biomanufacturing in Food and Nutrition Product and Solutions
- Table 174. Chihon Biotechnology Co Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 175. Chihon Biotechnology Co Recent Developments and Future Plans
- Table 176. Qingdao Vland Biotech Company Information, Head Office, and Major Competitors
- Table 177. Qingdao Vland Biotech Major Business
- Table 178. Qingdao Vland Biotech Biomanufacturing in Food and Nutrition Product and Solutions
- Table 179. Qingdao Vland Biotech Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 180. Qingdao Vland Biotech Recent Developments and Future Plans
- Table 181. Hubei Guangji Pharmaceutical Company Information, Head Office, and Major Competitors
- Table 182. Hubei Guangji Pharmaceutical Major Business
- Table 183. Hubei Guangji Pharmaceutical Biomanufacturing in Food and Nutrition Product and Solutions
- Table 184. Hubei Guangji Pharmaceutical Biomanufacturing in Food and Nutrition

Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 185. Hubei Guangji Pharmaceutical Recent Developments and Future Plans

Table 186. Yifan Pharmaceutical Company Information, Head Office, and Major Competitors

Table 187. Yifan Pharmaceutical Major Business

Table 188. Yifan Pharmaceutical Biomanufacturing in Food and Nutrition Product and Solutions

Table 189. Yifan Pharmaceutical Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 190. Yifan Pharmaceutical Recent Developments and Future Plans

Table 191. LCY Group Company Information, Head Office, and Major Competitors

Table 192. LCY Group Major Business

Table 193. LCY Group Biomanufacturing in Food and Nutrition Product and Solutions

Table 194. LCY Group Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 195. LCY Group Recent Developments and Future Plans

Table 196. Jiangxi Fushine Pharmaceutical Company Information, Head Office, and Major Competitors

Table 197. Jiangxi Fushine Pharmaceutical Major Business

Table 198. Jiangxi Fushine Pharmaceutical Biomanufacturing in Food and Nutrition Product and Solutions

Table 199. Jiangxi Fushine Pharmaceutical Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 200. Jiangxi Fushine Pharmaceutical Recent Developments and Future Plans

Table 201. FUJI OIL CO Company Information, Head Office, and Major Competitors

Table 202. FUJI OIL CO Major Business

Table 203. FUJI OIL CO Biomanufacturing in Food and Nutrition Product and Solutions

Table 204. FUJI OIL CO Biomanufacturing in Food and Nutrition Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 205. FUJI OIL CO Recent Developments and Future Plans

Table 206. Global Biomanufacturing in Food and Nutrition Revenue (USD Million) by Players (2021-2026)

Table 207. Global Biomanufacturing in Food and Nutrition Revenue Share by Players (2021-2026)

Table 208. Breakdown of Biomanufacturing in Food and Nutrition by Company Type (Tier 1, Tier 2, and Tier 3)

Table 209. Market Position of Players in Biomanufacturing in Food and Nutrition, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 210. Head Office of Key Biomanufacturing in Food and Nutrition Players

Table 211. Biomanufacturing in Food and Nutrition Market: Company Product Type Footprint

Table 212. Biomanufacturing in Food and Nutrition Market: Company Product Application Footprint

Table 213. Biomanufacturing in Food and Nutrition New Market Entrants and Barriers to Market Entry

Table 214. Biomanufacturing in Food and Nutrition Mergers, Acquisition, Agreements, and Collaborations

Table 215. Global Biomanufacturing in Food and Nutrition Consumption Value (USD Million) by Type (2021-2026)

Table 216. Global Biomanufacturing in Food and Nutrition Consumption Value Share by Type (2021-2026)

Table 217. Global Biomanufacturing in Food and Nutrition Consumption Value Forecast by Type (2027-2032)

Table 218. Global Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2026)

Table 219. Global Biomanufacturing in Food and Nutrition Consumption Value Forecast by Application (2027-2032)

Table 220. North America Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2026) & (USD Million)

Table 221. North America Biomanufacturing in Food and Nutrition Consumption Value by Type (2027-2032) & (USD Million)

Table 222. North America Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2026) & (USD Million)

Table 223. North America Biomanufacturing in Food and Nutrition Consumption Value by Application (2027-2032) & (USD Million)

Table 224. North America Biomanufacturing in Food and Nutrition Consumption Value by Country (2021-2026) & (USD Million)

Table 225. North America Biomanufacturing in Food and Nutrition Consumption Value by Country (2027-2032) & (USD Million)

Table 226. Europe Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2026) & (USD Million)

Table 227. Europe Biomanufacturing in Food and Nutrition Consumption Value by Type (2027-2032) & (USD Million)

Table 228. Europe Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2026) & (USD Million)

Table 229. Europe Biomanufacturing in Food and Nutrition Consumption Value by Application (2027-2032) & (USD Million)

Table 230. Europe Biomanufacturing in Food and Nutrition Consumption Value by

Country (2021-2026) & (USD Million)

Table 231. Europe Biomanufacturing in Food and Nutrition Consumption Value by Country (2027-2032) & (USD Million)

Table 232. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2026) & (USD Million)

Table 233. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Type (2027-2032) & (USD Million)

Table 234. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2026) & (USD Million)

Table 235. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Application (2027-2032) & (USD Million)

Table 236. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Region (2021-2026) & (USD Million)

Table 237. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value by Region (2027-2032) & (USD Million)

Table 238. South America Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2026) & (USD Million)

Table 239. South America Biomanufacturing in Food and Nutrition Consumption Value by Type (2027-2032) & (USD Million)

Table 240. South America Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2026) & (USD Million)

Table 241. South America Biomanufacturing in Food and Nutrition Consumption Value by Application (2027-2032) & (USD Million)

Table 242. South America Biomanufacturing in Food and Nutrition Consumption Value by Country (2021-2026) & (USD Million)

Table 243. South America Biomanufacturing in Food and Nutrition Consumption Value by Country (2027-2032) & (USD Million)

Table 244. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Type (2021-2026) & (USD Million)

Table 245. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Type (2027-2032) & (USD Million)

Table 246. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Application (2021-2026) & (USD Million)

Table 247. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Application (2027-2032) & (USD Million)

Table 248. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Country (2021-2026) & (USD Million)

Table 249. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value by Country (2027-2032) & (USD Million)

Table 250. Global Key Players of Biomanufacturing in Food and Nutrition Upstream  
(Raw Materials)

Table 251. Global Biomanufacturing in Food and Nutrition Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Biomanufacturing in Food and Nutrition Picture
- Figure 2. Global Biomanufacturing in Food and Nutrition Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Type in 2025
- Figure 4. Amino Acids
- Figure 5. Pigments
- Figure 6. Enzymes
- Figure 7. Flavors
- Figure 8. Fatty acids
- Figure 9. Proteins
- Figure 10. Biopreservatives
- Figure 11. Yeast Extract
- Figure 12. Vitamins
- Figure 13. Global Biomanufacturing in Food and Nutrition Consumption Value by Function, (USD Million), 2021 & 2025 & 2032
- Figure 14. Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Function in 2025
- Figure 15. Acidity Regulators
- Figure 16. Preservatives
- Figure 17. Defoamers
- Figure 18. Spices
- Figure 19. Sweeteners
- Figure 20. Nutritional Supplements
- Figure 21. Enzymes
- Figure 22. Flavor Enhancers
- Figure 23. Others
- Figure 24. Global Biomanufacturing in Food and Nutrition Consumption Value by Process, (USD Million), 2021 & 2025 & 2032
- Figure 25. Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Process in 2025
- Figure 26. Bio-fermentation
- Figure 27. Enzymatic Hydrolysis
- Figure 28. Global Biomanufacturing in Food and Nutrition Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 29. Biomanufacturing in Food and Nutrition Consumption Value Market Share by Application in 2025

Figure 30. General Food Picture

Figure 31. Fermented Food Picture

Figure 32. Functional Health Food Picture

Figure 33. Special Medical Food Picture

Figure 34. Infant Formula Food Picture

Figure 35. Global Biomanufacturing in Food and Nutrition Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 36. Global Biomanufacturing in Food and Nutrition Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 37. Global Market Biomanufacturing in Food and Nutrition Consumption Value (USD Million) Comparison by Region (2021 VS 2025 VS 2032)

Figure 38. Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Region (2021-2032)

Figure 39. Global Biomanufacturing in Food and Nutrition Consumption Value Market Share by Region in 2025

Figure 40. North America Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 41. Europe Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 42. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 43. South America Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 44. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 45. Company Three Recent Developments and Future Plans

Figure 46. Global Biomanufacturing in Food and Nutrition Revenue Share by Players in 2025

Figure 47. Biomanufacturing in Food and Nutrition Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2025

Figure 48. Market Share of Biomanufacturing in Food and Nutrition by Player Revenue in 2025

Figure 49. Top 3 Biomanufacturing in Food and Nutrition Players Market Share in 2025

Figure 50. Top 6 Biomanufacturing in Food and Nutrition Players Market Share in 2025

Figure 51. Global Biomanufacturing in Food and Nutrition Consumption Value Share by Type (2021-2026)

Figure 52. Global Biomanufacturing in Food and Nutrition Market Share Forecast by

Type (2027-2032)

Figure 53. Global Biomanufacturing in Food and Nutrition Consumption Value Share by Application (2021-2026)

Figure 54. Global Biomanufacturing in Food and Nutrition Market Share Forecast by Application (2027-2032)

Figure 55. North America Biomanufacturing in Food and Nutrition Consumption Value Market Share by Type (2021-2032)

Figure 56. North America Biomanufacturing in Food and Nutrition Consumption Value Market Share by Application (2021-2032)

Figure 57. North America Biomanufacturing in Food and Nutrition Consumption Value Market Share by Country (2021-2032)

Figure 58. United States Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 59. Canada Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 60. Mexico Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 61. Europe Biomanufacturing in Food and Nutrition Consumption Value Market Share by Type (2021-2032)

Figure 62. Europe Biomanufacturing in Food and Nutrition Consumption Value Market Share by Application (2021-2032)

Figure 63. Europe Biomanufacturing in Food and Nutrition Consumption Value Market Share by Country (2021-2032)

Figure 64. Germany Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 65. France Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 66. United Kingdom Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 67. Russia Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 68. Italy Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 69. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value Market Share by Type (2021-2032)

Figure 70. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value Market Share by Application (2021-2032)

Figure 71. Asia-Pacific Biomanufacturing in Food and Nutrition Consumption Value Market Share by Region (2021-2032)

Figure 72. China Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 73. Japan Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 74. South Korea Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 75. India Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 76. Southeast Asia Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 77. Australia Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 78. South America Biomanufacturing in Food and Nutrition Consumption Value Market Share by Type (2021-2032)

Figure 79. South America Biomanufacturing in Food and Nutrition Consumption Value Market Share by Application (2021-2032)

Figure 80. South America Biomanufacturing in Food and Nutrition Consumption Value Market Share by Country (2021-2032)

Figure 81. Brazil Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 82. Argentina Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 83. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value Market Share by Type (2021-2032)

Figure 84. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value Market Share by Application (2021-2032)

Figure 85. Middle East & Africa Biomanufacturing in Food and Nutrition Consumption Value Market Share by Country (2021-2032)

Figure 86. Turkey Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 87. Saudi Arabia Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 88. UAE Biomanufacturing in Food and Nutrition Consumption Value (2021-2032) & (USD Million)

Figure 89. Biomanufacturing in Food and Nutrition Market Drivers

Figure 90. Biomanufacturing in Food and Nutrition Market Restraints

Figure 91. Biomanufacturing in Food and Nutrition Market Trends

Figure 92. Porters Five Forces Analysis

Figure 93. Biomanufacturing in Food and Nutrition Industrial Chain

Figure 94. Methodology

Figure 95. Research Process and Data Source

## I would like to order

Product name: Global Biomanufacturing in Food and Nutrition Market 2026 by Company, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GA72847F4B72EN.html>

Price: US\$ 3,480.00 (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/GA72847F4B72EN.html>