

# Biotech Ingredients Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global biotech ingredients market size reached US\$ 56.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 76.3 Billion by 2028, exhibiting a growth rate (CAGR) of 5.2% during 2022-2028.

Biotech ingredients are prepared using organisms like algae, yeast or bacteria that undergo deoxyribonucleic acid (DNA) editing to enhance the metabolic process of microbes. They are cost-effective and generate a low environmental impact than ingredients processed using petrochemicals. They act as a sustainable alternative to formulate plant-based extracts, which can counteract oxidative damages and slow down the aging process. Consequently, cosmetics companies worldwide are extensively using biotech ingredients to develop and evaluate the activity of natural active components on the skin.

**Biotech Ingredients Market Trends:**

A considerable shift in consumer preferences towards safe, potent, advanced and efficacious cosmetics solutions represents one of the key factors encouraging the adoption of biotech ingredients to produce new cosmetic formulas, ranging from hyaluronic acid to collagen. Additionally, the escalating demand for organic and sustainable products is promoting the utilization of biotech ingredients in hybrid skincare products. The leading market players are also investing in research and development (R&D) to introduce innovative products. For instance, they are focusing on biomimetics, 3D bioprinting and plant tissue culture technologies to develop next-generation beauty products. In line with this, they are recycling, sterilizing and disposing of the waste generated during the production process, which helps in reducing the carbon footprint of raw materials. Apart from this, biotech ingredients are gaining traction in the food and beverage (F&B) industry for adding flavors and improving enzymes and emulsifiers applications. Furthermore, the usage of these ingredients is anticipated to rise in the pharmaceutical

industry to formulate active ingredients from natural sources.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global biotech ingredients market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type and application.

#### Breakup by Type:

Yeast

Algae

Others

#### Breakup by Application:

Food and Beverages

Personal Care and Cosmetics

Cleaning Products

Others

#### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

## Middle East and Africa

### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AbbVie Inc., Advanced Biotech, Amyris Inc., Becton Dickinson and Company, Bell Flavors & Fragrances Inc., Bruker Corporation, Evolva AG, Evonik Industries AG, GlaxoSmithKline plc., International Flavors & Fragrances Inc., Merck KGaA and Sanofi SA.

### Key Questions Answered in This Report

1. What was the size of the global biotech ingredients market in 2022?
2. What is the expected growth rate of the global biotech ingredients market during 2023-2028?
3. What are the key factors driving the global biotech ingredients market?
4. What has been the impact of COVID-19 on the global biotech ingredients market?
5. What is the breakup of the global biotech ingredients market based on the type?
6. What is the breakup of the global biotech ingredients market based on the application?
7. What are the key regions in the global biotech ingredients market?
8. Who are the key players/companies in the global biotech ingredients market?

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