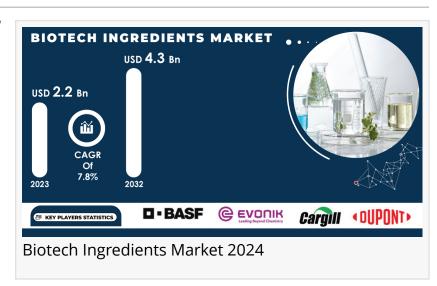


Biotech Ingredients Market to Hit USD 4.3 Bn by 2032 Driven by Growing Use in Healthcare & Personal Care Applications

"Biotech ingredients are primarily natural ingredients that comprise of essential oils, oleoresins, and other plant extracts"

AUSTIN, TX, UNITED STATES, December 3, 2024 /EINPresswire.com/ --

The <u>Biotech Ingredients Market</u> Size was valued at USD 2.2 billion in 2023 and is expected to reach USD 4.3 billion by 2032 and grow at a CAGR of 7.8% over the forecast period 2024-2032.



Biotech Ingredients Market Growth Analysis:

The Biotech Ingredients Market is rapidly evolving, driven by innovations across industries such as pharmaceuticals, personal care, food and beverages, and agriculture. The demand for



Rising demand for biotechbased beauty and healthcare products driven by scientific advances and growing awareness of their benefits."

SNS Insider

sustainable, eco-friendly, and health-focused products is accelerating, with advancements in fermentation and enzyme technology enabling the development of natural, high-performance solutions like plant-based proteins and probiotics. Strategic acquisitions and partnerships are shaping the market, such as Zydus Lifesciences' acquisition of Sterling Biotech in 2024 to enhance its bioactive pharmaceutical portfolio, and Croda's acquisition of Solus Biotech in 2023 to expand its sustainable personal care offerings. Collaborations like the Debut and DIC

Corporation partnership highlight the push for environmentally friendly innovations in beauty formulations. Agriculture is also benefiting from biotech advancements, with bioinsecticides and biopesticides providing safer, greener alternatives to synthetic chemicals. As regulatory pressures and consumer preferences converge, the biotech ingredients market stands poised for transformative growth, underpinned by its ability to deliver sustainable and health-oriented

solutions across diverse sectors.

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Key Players Listed in Biotech Ingredients Market Are:

- BASF SE (Lecithin, Enzymes)
- •Cargill, Incorporated (Soy Protein, Lactic Acid)
- •DuPont de Nemours, Inc. (Proteins, Enzymes)
- •Evonik Industries AG (Amino Acids, Biopolymers)
- •Genomatica, Inc. (Bio-BDO, Bio-1,4-Butanediol)
- •DSM (Dutch State Mines) (Amino Acids, Enzymes)
- Novozymes A/S (Cellulases, Amylases)
- •Roche Holding AG (Biopharmaceuticals, Diagnostic Reagents)
- •SABIC (Saudi Basic Industries Corporation) (Biodegradable Polymers, Bio-based Chemicals)
- •Syngenta AG (Biofungicides, Bioinsecticides)
- AB Biotek (Yeast Products, Nutritional Yeast)
- •Amyris, Inc. (Farnesene, Squalane)
- Bayer AG (Bioinsecticides, Herbicides)
- Danimer Scientific, Inc. (PHA Biopolymers, Nodax)
- •FMC Corporation (Biological Crop Protection, Bioinsecticides)
- •Kerry Group (Fermented Ingredients, Nutritional Products)

Segment Analysis

In 2023, the food and beverages segment dominated the Biotech Ingredients Market, capturing a market share of 40%. This dominance stems from increasing consumer demand for natural, functional food products and a growing focus on health and wellness. Biotech ingredients like enzymes and natural flavors play a crucial role in improving taste, texture, and shelf life while minimizing artificial additives. For instance, companies such as DuPont and Novozymes provide enzymes that enhance fermentation in brewing and baking, ensuring superior product quality and efficiency. The rising appeal of plant-based and functional foods has further fueled the integration of biotech ingredients in this segment, reinforcing its market leadership. As consumers increasingly prioritize healthier and more sustainable food choices, the food and beverages segment is poised to maintain its leading position and drive further growth.

Key Market Segmentation:

By Source

- Microbial
- Plant-based

Animal-based

By Type

- Enzymes
- Amino Acids
- Organic Acids
- Biopolymers
- Biochemicals
- Others

By Application

- Food and Beverages
- Animal Feed
- Pharmaceuticals
- Personal Care
- Agriculture
- Textiles
- Others

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What are the driving factors of the Biotech Ingredients market?

- •The increasing consumer preference for eco-friendly and cruelty-free products has driven the adoption of biotech ingredients in various industries, particularly personal care and food sectors.
- •Innovations such as recombinant DNA technology and fermentation processes are enabling the production of high-quality biotech ingredients at scale, reducing production costs and increasing their application scope.
- •The shift toward health-conscious lifestyles is boosting the demand for biotech-derived proteins and enzymes in dietary supplements and functional foods.

What are the opportunities for the Biotech Ingredients Market?

•Developing regions such as Asia-Pacific and Latin America present lucrative opportunities due to growing industrialization, increasing disposable incomes, and rising awareness about the benefits of biotech ingredients.

•Strategic alliances between biotech companies and end-user industries can facilitate innovation and expand the market presence of biotech ingredients globally.

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Regional Analysis

In 2023, North America dominated the Biotech Ingredients Market, accounted approximately 40% of the global market share. This dominance is driven by the region's advanced biotechnology infrastructure, strong R&D capabilities, and the presence of key industry players. The United States, a hub for biotech innovation, has been instrumental in advancing biotech ingredients for applications in food and beverages, pharmaceuticals, and personal care, with companies like DuPont and Novozymes spearheading these developments. Rising consumer awareness of the benefits of natural and sustainable products, along with the growing popularity of plant-based diets and functional foods, has further accelerated market growth in the region. Supported by favorable regulatory frameworks and increasing investments in biotechnology, North America is expected to remain a pivotal player in the global biotech ingredients market.

Recent Developments

- •March 2024: Roquette acquired IFF Pharma Solutions, a leading producer of excipients for oral dosage forms. This acquisition is expected to enhance Roquette's market position and expand its portfolio in the pharmaceutical sector.
- •February 2024: Evonik launched Vecollage Fortify L, a new vegan collagen for the beauty and personal care market. This innovative product leverages Evonik's expertise in biotechnology and collagen to meet the rising demand for vegan alternatives in anti-aging and hydrating skincare products.

The Biotech Ingredients Market is poised for substantial growth, driven by advancements in biotechnology, rising demand for sustainable solutions, and expanding applications across diverse sectors. As consumers increasingly prioritize health and eco-conscious products, the market's trajectory remains optimistic.

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