

Global Biomanufacturing and Fermentation Service Market Growth (Status and Outlook) 2026-2032

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Abstracts

The global Biomanufacturing and Fermentation Service market size is predicted to grow from US\$ 8376 million in 2025 to US\$ 22221 million in 2032; it is expected to grow at a CAGR of 15.1% from 2026 to 2032.

Biomanufacturing and fermentation services are a crucial supporting link in the modern biopharmaceutical and biotechnology industries. Their core lies in controlling the large-scale cultivation and production of microorganisms or cells under controlled environments to obtain target proteins, antibodies, vaccines, or functional biomolecules. The upstream fermentation stage involves cell line resuscitation, passage culture, and scale-up culture in large-scale bioreactors to ensure the expression and accumulation of the target product. The downstream purification stage uses processes such as filtration, chromatography, and virus inactivation to separate the target product from impurities in the fermentation broth, obtaining a high-purity stock solution. Biomanufacturing and fermentation services emphasize continuity and process controllability, and are widely used in the production of monoclonal antibodies, vaccines, recombinant proteins, and precisely fermented food ingredients. They rely on specialized equipment, consumables, and a rigorous quality management system to ensure product consistency and safety.

United States market for Biomanufacturing and Fermentation Service is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Biomanufacturing and Fermentation Service is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Biomanufacturing and Fermentation Service is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Biomanufacturing and Fermentation Service players cover FUJIFILM Biotechnologies, Elise Biopharma, BOC Sciences, Isomerase Therapeutics, AGC Biologics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LPI (LP Information)' newest research report, the "Biomanufacturing and Fermentation Service Industry Forecast" looks at past sales and reviews total world Biomanufacturing and Fermentation Service sales in 2025, providing a comprehensive analysis by region and market sector of projected Biomanufacturing and Fermentation Service sales for 2026 through 2032. With Biomanufacturing and Fermentation Service sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Biomanufacturing and Fermentation Service industry.

This Insight Report provides a comprehensive analysis of the global Biomanufacturing and Fermentation Service landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Biomanufacturing and Fermentation Service portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Biomanufacturing and Fermentation Service market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Biomanufacturing and Fermentation Service and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Biomanufacturing and Fermentation Service.

This report presents a comprehensive overview, market shares, and growth opportunities of Biomanufacturing and Fermentation Service market by product type, application, key players and key regions and countries.

Segmentation by Type:

- Strain Engineering Services
- Fermentation Process Optimization
- Analytical Testing & Quality Control Services
- Fermentation CDMO Service

Segmentation by Stage:

- Laboratory
- Pilot Scale
- Large-scale Production

Segmentation by Application:

- Biopharmaceuticals
- Industrial Biotechnology
- Food and Functional Ingredients
- Others

This report also splits the market by region:

- Americas
 - United States
 - Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

FUJIFILM Biotechnologies

Elise Biopharma

BOC Sciences

Isomerase Therapeutics

AGC Biologics

Centre for Process Innovation (CPI)

Euroapi

3PBIOVIAN

Abolis Biotechnologies

Evonik

ScaleUp Bio Pte Ltd

Olon Biotech

Biocatalysts Ltd

Manus Bio

ADM

Bio?Technical Resources

GEA

Lonza

WuXi Biologics

Ajinomoto

BIOVECTRA Inc.

Nordmark Pharma GmbH

Dakota BioWorx

Andgel Industrial (Shanghai) Co

Chengdu Yingde Biomedical

Thermo Fisher Scientific

Asymchem

Danaher

Sartorius

Laurus Bio

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