

Microbial Fermentation Technology Market Size, Trends, Analysis, and Outlook By Application (Antibiotics, Probiotics Supplements, Monoclonal Antibodies, Recombinant Proteins, Biosimilars, Vaccines, Enzymes, Small Molecules, Others), By End-user (Bio-Pharmaceutical Companies, Contract Research Organizations (CROs), CMOs & CDMOs, Academic & Research Institutes), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/M78E5E24B1C2EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: M78E5E24B1C2EN

Abstracts

The global Microbial Fermentation Technology market size is poised to register 6.62% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Microbial Fermentation Technology market across By Application (Antibiotics, Probiotics Supplements, Monoclonal Antibodies, Recombinant Proteins, Biosimilars, Vaccines, Enzymes, Small Molecules, Others), By End-user (Bio-Pharmaceutical Companies, Contract Research Organizations (CROs), CMOs & CDMOs, Academic & Research Institutes).

The Microbial Fermentation Technology Market is experiencing growth driven by the increasing applications of microbial fermentation in biopharmaceutical production, industrial biotechnology, and food and beverage manufacturing. Microbial fermentation is a versatile bioprocess used to produce a wide range of products including antibiotics, enzymes, vaccines, biofuels, and fermented foods through the controlled growth of microorganisms such as bacteria, yeast, and fungi in bioreactors. Key trends shaping its future include the development of advanced fermentation strains and fermentation media formulations for enhanced product yields, purity, and process efficiency, the

adoption of continuous fermentation and perfusion techniques for scalable and cost-effective biomanufacturing, and the customization of fermentation systems and process parameters to meet specific production requirements and regulatory standards. Additionally, factors such as the growing demand for sustainable and bio-based products, the investments in fermentation technology research and development, and the expansion of biopharmaceutical and biomanufacturing facilities are expected to drive market growth in 2024 and beyond.

Microbial Fermentation Technology Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Microbial Fermentation Technology market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Microbial Fermentation Technology survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Microbial Fermentation Technology industry.

Key market trends defining the global Microbial Fermentation Technology demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Microbial Fermentation Technology Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Microbial Fermentation Technology industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Microbial Fermentation Technology companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Microbial Fermentation Technology industry

Leading Microbial Fermentation Technology companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Microbial Fermentation Technology companies.

Microbial Fermentation Technology Market Study- Strategic Analysis Review

The Microbial Fermentation Technology market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Microbial Fermentation Technology Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Microbial Fermentation Technology industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Microbial Fermentation Technology Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Microbial Fermentation Technology Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Microbial Fermentation Technology market segments. Similarly, Strong end-user demand is encouraging Canadian Microbial Fermentation Technology companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Microbial Fermentation Technology market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Microbial Fermentation Technology Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Microbial Fermentation Technology industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Microbial Fermentation Technology market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Microbial Fermentation Technology Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Microbial Fermentation

Technology in Asia Pacific. In particular, China, India, and South East Asian Microbial Fermentation Technology markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Microbial Fermentation Technology Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Microbial Fermentation Technology Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Microbial Fermentation Technology market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Microbial Fermentation Technology.

Microbial Fermentation Technology Market Company Profiles

The global Microbial Fermentation Technology market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Biocon Ltd, BioVectra Inc, BIOZEEN, Danone UK, F. Hoffmann-La Roche AG, Koninklijke DSM NV, Lonza, Novozymes A/S, TerraVia Holdings Inc

Recent Microbial Fermentation Technology Market Developments

The global Microbial Fermentation Technology market study presents recent market

news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Microbial Fermentation Technology Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Application

Antibiotics

Probiotics Supplements

Monoclonal Antibodies

Recombinant Proteins

Biosimilars

Vaccines

Enzymes

Small Molecules

Others

By End-user

Bio-Pharmaceutical Companies

Contract Research Organizations (CROs)

CMOs & CDMOs

Academic & Research Institutes

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Biocon Ltd

BioVectra Inc

BIOZEEN

Danone UK

F. Hoffmann-La Roche AG

Koninklijke DSM NV

Lonza

Novozymes A/S

TerraVia Holdings Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Microbial Fermentation Technology Market Overview and Key Findings, 2024
- 1.2 Microbial Fermentation Technology Market Size and Growth Outlook, 2021- 2030
- 1.3 Microbial Fermentation Technology Market Growth Opportunities to 2030
- 1.4 Key Microbial Fermentation Technology Market Trends and Challenges
 - 1.4.1 Microbial Fermentation Technology Market Drivers and Trends
 - 1.4.2 Microbial Fermentation Technology Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Microbial Fermentation Technology Companies

2. MICROBIAL FERMENTATION TECHNOLOGY MARKET SIZE OUTLOOK TO 2030

- 2.1 Microbial Fermentation Technology Market Size Outlook, USD Million, 2021- 2030
- 2.2 Microbial Fermentation Technology Incremental Market Growth Outlook, %, 2021-2030
- 2.3 Segment Snapshot, 2024

3. MICROBIAL FERMENTATION TECHNOLOGY MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. MICROBIAL FERMENTATION TECHNOLOGY MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
By Application

Antibiotics
Probiotics Supplements
Monoclonal Antibodies
Recombinant Proteins
Biosimilars
Vaccines
Enzymes
Small Molecules
Others
By End-user
Bio-Pharmaceutical Companies
Contract Research Organizations (CROs)
CMOs & CDMOs
Academic & Research Institutes
4.3 Growth Prospects and Niche Opportunities, 2023- 2030
4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Microbial Fermentation Technology Market, 2025
5.2 Asia Pacific Microbial Fermentation Technology Market Size Outlook by Type, 2021-2030
5.3 Asia Pacific Microbial Fermentation Technology Market Size Outlook by Application, 2021- 2030
5.4 Key Findings for Europe Microbial Fermentation Technology Market, 2025
5.5 Europe Microbial Fermentation Technology Market Size Outlook by Type, 2021-2030
5.6 Europe Microbial Fermentation Technology Market Size Outlook by Application, 2021- 2030
5.7 Key Findings for North America Microbial Fermentation Technology Market, 2025
5.8 North America Microbial Fermentation Technology Market Size Outlook by Type, 2021- 2030
5.9 North America Microbial Fermentation Technology Market Size Outlook by Application, 2021- 2030
5.10 Key Findings for South America Microbial Fermentation Technology Market, 2025
5.11 South America Pacific Microbial Fermentation Technology Market Size Outlook by Type, 2021- 2030
5.12 South America Microbial Fermentation Technology Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Microbial Fermentation Technology Market, 2025

5.14 Middle East Africa Microbial Fermentation Technology Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Microbial Fermentation Technology Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Microbial Fermentation Technology Market Size Outlook and Revenue Growth Forecasts

6.2 US Microbial Fermentation Technology Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Microbial Fermentation Technology Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Microbial Fermentation Technology Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Microbial Fermentation Technology Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Microbial Fermentation Technology Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Microbial Fermentation Technology Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Microbial Fermentation Technology Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Microbial Fermentation Technology Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Microbial Fermentation Technology Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Microbial Fermentation Technology Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Microbial Fermentation Technology Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Microbial Fermentation Technology Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Microbial Fermentation Technology Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

- 6.28 Australia Microbial Fermentation Technology Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Microbial Fermentation Technology Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Microbial Fermentation Technology Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Microbial Fermentation Technology Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Microbial Fermentation Technology Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Microbial Fermentation Technology Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Microbial Fermentation Technology Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Microbial Fermentation Technology Industry Drivers and Opportunities

7. MICROBIAL FERMENTATION TECHNOLOGY MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. MICROBIAL FERMENTATION TECHNOLOGY COMPANY PROFILES

- 8.1 Profiles of Leading Microbial Fermentation Technology Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

Biocon Ltd

BioVectra Inc

BIOZEEN

Danone UK

F. Hoffmann-La Roche AG

Koninklijke DSM NV

Lonza

Novozymes A/S

TerraVia Holdings Inc

9. APPENDIX

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

I would like to order

Product name: Microbial Fermentation Technology Market Size, Trends, Analysis, and Outlook By Application (Antibiotics, Probiotics Supplements, Monoclonal Antibodies, Recombinant Proteins, Biosimilars, Vaccines, Enzymes, Small Molecules, Others), By End-user (Bio-Pharmaceutical Companies, Contract Research Organizations (CROs), CMOs & CDMOs, Academic & Research Institutes), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/M78E5E24B1C2EN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M78E5E24B1C2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970