

# Microbial Fermentation Technology Market

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## Abstracts

### Microbial Fermentation Technology Market - Overall Industry Analysis Overview

Microbial Fermentation Technology Market was valued at \$156,329.72 million in 2017 and is expected to reach \$224,960.84 million by 2025, registering a CAGR of 4.9% from 2017 to 2025.

The fermentation technology involves a process where microorganisms and enzymes are used to produce compounds or enzymes that find application in various sectors such as energy, pharmaceutical, chemical, and food. The fermentation can be either aerobic fermentation or anaerobic fermentation. Aerobic fermentation is carried out in the presence of oxygen while anaerobic fermentation is carried out in the absence of oxygen. Most of the industrial processes are carried out under aerobic fermentation and only a few processes are carried out under anaerobic fermentation. Currently, efforts are being put towards the advancement of cell factories and enzymes as well as for the design of new processes, concepts, and technologies for the fermentation process.

### MARKET DRIVERS AND RESTRAINTS

The report presents a detailed analysis of the drivers and restraints affecting the growth of the for microbial fermentation technology market. The industry is growing at a fast rate in the recent years. The growth is supported by the growing application of fermentation technology derived chemicals in various industries across the world owing to their natural structure, low cost, and better output. Furthermore, the growth of the industry is fueled by the rise in research and developmental activities in various fields of fermentation technology, technological advancement, increase in awareness of new products, and launch of new products.

### KEY MARKET SEGMENTATION

## Microbial fermentation technology market segmentation:

### Product

#### Industrial

Acetone, ethanol & butanol

Enzymes & amino acids

#### Medical

Probiotics

Monoclonal antibodies

Antibiotics

Recombinant proteins

Other Biosimilars

#### Food Product

#### Alcoholic Beverages

Wine

Spirits

Beer

Others

#### End User

Food and Feed Industry

Bio-pharmaceutical Industries

Academic Research Institutes

Contract Research Organization

Others

## Geography

North America

Europe

Asia-Pacific

LAMEA

## KEY MARKET PLAYERS

The report profiles the major players operating in the microbial fermentation technology market. They include Biocon, Danone Ltd, Lonza, United Breweries Ltd., Amyris, Novozymes, TerraVia Holdings, Inc., BioVectra, DSM, F. Hoffmann La-Roche Ltd. and others. They are often engaged in activities such as mergers and acquisitions and product launches to diversify their product portfolio and further grow their market share.

## KEY TAKEAWAYS FROM THE REPORT

The report provides a thorough analysis of the microbial fermentation technology market. It encompasses the market size, market share analysis, development environmental analysis, market classification, market comparison analysis, market status and forecast analysis, the upcoming trends, and details about the market players.

The report includes the current market trends and estimations for the period of 2016-2025 to identify the prevailing market opportunities across geographies.

The study includes the top investment zones to assist stakeholders in identifying

the cash cows of the industry.

A detailed study of the factors that drive and restrain the growth of the microbial fermentation technology market is provided in the report.

Key players of microbial fermentation technology are included in the research along with the recent developments to understand the competitive landscape of the industry.

Comprehensive analysis of the market helps in gauging the growth strategies adopted by the leading players over the past few years.

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