

Global Industrial Microbiology Market Size study & Forecast, by Product (Equipment and Systems, Reaction Consumables, Laboratory Supplies) by Test (Sterility Testing, Microbial Limits Testing, Bio-burden Testing, Water and Environmental Testing), by End use (Food and Beverages, Pharmaceutical Biotechnology, Agricultural, Environmental, Cosmetic and Personal Care, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Industrial Microbiology Market is valued at approximately USD 10.40 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.9% over the forecast period 2022-2029. Industrial microbiology is subfield of biotechnology that uses microbial sciences to produce industrial products in large quantities by utilizing microbial sciences and frequently microbial cell factories. It is gaining high traction in the applications such as the production of high-value products including food products, chemicals, drugs, and cosmetics. The growing concern for food safety, rising development and launch of vaccines, drugs, and vitamins, coupled with the increasing automation and digitization in industrial microbiology are the key factors that are driving the market demand across the globe.

Surging demand for nutraceuticals and other fermented products is reinforcing the market demand in the global market. The Ministry of Food Processing Industries of the Government of India stated that the nutraceuticals market was worth USD 4 billion in India in 2020. Also, from 2019 to 2024, the country's nutraceutical market is anticipated to expand by 7%. Similarly, according to Statista, in 2021, the nutraceuticals market in

the United States was valued at USD 97.21 billion, which is anticipated to reach USD 133.39 billion by 2025. Therefore, the high demand for nutraceuticals is acting as catalyzing factors for the growth of the industrial microbiology market. Moreover, the increasing R&D activities in the industrial microbiology sector, as well as the rising innovation of the innovative products by key market players are presenting various lucrative opportunities over the forecasting years. However, the high cost of the industrial microbiology process and shortage of skilled professionals in the microbiology laboratories are hampering the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Industrial Microbiology Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the rising number of pharmaceutical & biotechnology, along with the existence of well-established companies. Whereas, the Asia Pacific is also expected to grow with the highest CAGR during the forecast period, owing to factors such as growing investment in improving the healthcare infrastructural facilities, the presence of emerging economies, and the development of the end-use applications in the market space.

Major market players included in this report are:

bioMerieux SA
Thermo Fisher Scientific Inc.
Bio-Rad Laboratories Inc.
Becton Dickinson and Company
3M Company
Danaher Corporation
Eppendorf AG
Merck KGaA
Sartorius AG
Asiagel Corporation

Recent Developments in the Market:

In May 2022, Charles River Laboratories International, Inc. declared that the company established its new facility in Germany. This facility is a center for the microbial solution business of the company in eastern and central Europe.

In June 2022, Merck India announced that the company set up a Microbiology Application Training Lab (MAT Lab) in Bangalore (India), for academic and industrial purposes. The aim of this initiative is to promote biopharma and pharma players to collaborate with Merck for advancing their capabilities in the analysis of microbial.

Global Industrial Microbiology Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product, Test, End use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Equipment and Systems

Reaction Consumables

Laboratory Supplies

By Test:

Sterility Testing

Microbial Limits Testing

Bio-burden Testing

Water and Environmental Testing

By End use:

Food and Beverages

Pharmaceutical Biotechnology

Agricultural

Environmental

Cosmetic and Personal Care

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Rest of the World

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