

# **Industrial Microbiology Market Size, Share & Trends Analysis Report By Product (Equipment And Systems, Reaction Consumables), By Test Type (Sterility Testing), By End-use, By Region, And Segment Forecasts, 2023 - 2030**

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## **Abstracts**

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### **Industrial Microbiology Market Growth & Trends**

The global industrial microbiology market size is expected to reach USD 19.36 billion by 2030, expanding at a CAGR of 6.9% during the forecast period, according to a new report by Grand View Research, Inc. The increasing discovery and development of vaccines, drugs, and vitamins by the pharmaceutical sector are expected to enhance the demand for industrial microbiology. Additionally, constant innovation in the technology employed for testing is expected to increase the efficiency and effectiveness of microbiology tests in numerous industries.

Industrial microbiology in the food and beverage industry is increasing and is expected to have significant growth during the forecast period. For instance, in November 2022, bioMerieux announced the availability of its product, Bottlesafe, across the globe. The product offers pre-bottling testing for wineries. Bottlesafe provides sufficient insights to verify filtration in less than 4 hours, as compared to 2 to 5 days in traditional microbiological testing. Similarly, the demand for pharmaceutical and biotechnology industries is also increasing. For instance, in August 2022, SpectrumX announced the expansion of its team to maintain product quality through industrial microbiology testing thereby accelerating the overall process of bringing the product to the market.

The COVID-19 pandemic had a significant impact on the market. Industrial microbiology was used for diagnosing COVID-19, majorly through antigen tests, and nucleic acid amplification tests (NAAT). As of January 2021, some of the companies in Japan such as Sysmex Corporation, Kyorin Pharmaceutical Company Limited, and Shimadzu Corporation, made nucleic acid amplification tests available for COVID-19 tests.

The growing strategic initiatives such as production or regional expansion by the companies are anticipated to boost the industrial microbiology market growth in the times to come. For instance, in October 2022, Thermo Fisher Scientific Inc. announced an investment of USD 59 million to expand its lab operations in Kentucky. The expansion is part of the global strategy to offer high-quality central laboratory and biomarker services in the clinical research projects of the customers. The central lab offers services in safety testing including microbiological tests. Moreover, companies have established their central labs in Belgium, Brussels, and Singapore. Thus, increasing regional expansion is also expected to be a strong growth determinant for the industrial microbiology market over the years.

### Industrial Microbiology Market Report Highlights

By product, the reaction consumables segment is projected to have the fastest growth rate with a larger market share of industrial microbiology in 2022. Since increasing product development by the existing players to expand the usage of industrial microbiology in various industries

By test, the sterility testing segment is anticipated to capture the majority of the industrial microbiology market share in 2022. Owing to the stringent requirements on sterile raw materials and components during drug manufacturing are expected to propel market growth

By end-use, the pharmaceutical biotechnology segment is projected to have a majority of the market share in 2022. This is attributed to the presence of well-established regulations on drug discovery and development, and highly monitored industry by the regulatory bodies

North America has strengthened its regional position in the market with 46.94% of the overall market share. This is attributed to the growing R&D activities in the industrial microbiology sector, along with the increasing strategic initiative by the existing key players in the region



## Contents

### **CHAPTER 1 RESEARCH METHODOLOGY**

- 1.1 Country Wise Market: Base Estimates
- 1.2 Global Market: CAGR Calculation
- 1.3 Region-Based Segment Share Calculation
- 1.4 Research Scope & Assumptions
- 1.5 List of Data Sources
  - 1.5.1 Data for primary interviews, by sources
  - 1.5.2 Data for primary interviews, by region

### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Market Snapshot

### **CHAPTER 3 INDUSTRIAL MICROBIOLOGY MARKET VARIABLES, TRENDS & SCOPE**

- 3.1 Market Segmentation & Scope
- 3.2 Market Driver Analysis
  - 3.2.1 Increasing development and launch of vaccines, drugs, and vitamins
  - 3.2.2 Surge in the number of acquisitions and mergers
- 3.3 Market Restraint Analysis
  - 3.3.1 High cost of industrial microbiology process
  - 3.3.2 Dearth of skilled professionals in the microbiology laboratories
- 3.4 Challenges
  - 3.4.1 Long time required for incubation and product release
- 3.5 Opportunity
  - 3.5.1 Growing R&D activities in the industrial microbiology sector
- 3.6 Industrial Microbiology - SWOT Analysis, By Factor (political & legal, economic, and technological)
- 3.7 Industry Analysis - Porter's
- 3.8 COVID-19 Impact Analysis
- 3.9 Market Penetration, by Product

### **CHAPTER 4 INDUSTRIAL MICROBIOLOGY MARKET: PRODUCT ESTIMATES & TREND ANALYSIS**

- 4.1 Industrial Microbiology Market: Product Movement Analysis
- 4.2 Equipment and Systems
  - 4.2.1 Equipment and systems market, 2018 - 2030 (USD Million)
  - 4.2.2 Filtration Pumps and Systems
    - 4.2.2.1 Filtration pumps and systems market, 2018 - 2030 (USD Million)
  - 4.2.3 Microbial Detection Systems
    - 4.2.3.1 Microbial detection systems market, 2018 - 2030 (USD Million)
  - 4.2.4 Air Monitoring Systems
    - 4.2.4.1 Air monitoring systems market, 2018 - 2030 (USD Million)
  - 4.2.5 Automated Equipment
    - 4.2.5.1 Automated equipment market, 2018 - 2030 (USD Million)
  - 4.2.6 Incubators and Culture Apparatus
    - 4.2.6.1 Incubators and culture apparatus market, 2018 - 2030 (USD Million)
  - 4.2.7 Others
    - 4.2.7.1 Others market, 2018 - 2030 (USD Million)
- 4.3 Reaction Consumables
  - 4.3.1 Reaction consumables market, 2018 - 2030 (USD Million)
  - 4.3.2 Media
    - 4.3.2.1 Media market, 2018 - 2030 (USD Million)
  - 4.3.3 Reagents and Strains
    - 4.3.3.1 Reagents and strains market, 2018 - 2030 (USD Million)
- 4.4 Laboratory Supplies
  - 4.4.1 Laboratory supplies market, 2018 - 2030 (USD Million)
  - 4.4.2 Bags and Bottles
    - 4.4.2.1 Bags and bottles market, 2018 - 2030 (USD Million)
  - 4.4.3 Loop and Needles
    - 4.4.3.1 Loop and needles market, 2018 - 2030 (USD Million)
  - 4.4.4 Petri Dishes, Racks, Seals, Plates, and Holders
    - 4.4.4.1 Petri dishes, racks, seals, plates, and holder's market, 2018 - 2030 (USD Million)
  - 4.4.5 Filtration Disc and Membranes
    - 4.4.5.1 Filtration disc and membranes systems market, 2018 - 2030 (USD Million)
  - 4.4.6 Others
    - 4.4.6.1 Others market, 2018 - 2030 (USD Million)

## **CHAPTER 5 INDUSTRIAL MICROBIOLOGY MARKET: TEST ESTIMATES & TREND ANALYSIS**

### 5.1 Industrial Microbiology Market: Test Movement Analysis

## 5.2 Sterility Testing

5.2.1 Sterility testing market, 2018 - 2030 (USD Million)

## 5.3 Microbial Limits Testing

5.3.1 Microbial limits testing market, 2018 - 2030 (USD Million)

## 5.4 Bio-burden testing

5.4.1 Bio-burden testing market, 2018 - 2030 (USD Million)

## 5.5 Water and Environmental Testing

5.5.1 Water and environmental testing market, 2018 - 2030 (USD Million)

# **CHAPTER 6 INDUSTRIAL MICROBIOLOGY MARKET: END-USE ESTIMATES & TREND ANALYSIS**

## 6.1 Industrial Microbiology Market: End-use Movement Analysis

### 6.2 Food and Beverages

6.2.1 Food and beverages market, 2018 - 2030 (USD Million)

### 6.3 Pharmaceutical Biotechnology

6.3.1 Pharmaceutical biotechnology market, 2018 - 2030 (USD Million)

### 6.4 Agricultural

6.4.1 Agricultural market, 2018 - 2030 (USD Million)

### 6.5 Environmental

6.5.1 Environmental market, 2018 - 2030 (USD Million)

### 6.6 Cosmetic and Personal Care

6.6.1 Cosmetic and personal care market, 2018 - 2030 (USD Million)

### 6.7 Others

6.7.1 Others market, 2018 - 2030 (USD Million)

# **CHAPTER 7 INDUSTRIAL MICROBIOLOGY MARKET: REGIONAL ESTIMATES & TREND ANALYSIS, BY PRODUCT, APPLICATION, TECHNIQUE, END-USE**

## 7.1 Industrial Microbiology Market Share By Region, 2022 & 2030

### 7.2 North America

#### 7.2.1 SWOT Analysis

7.2.1.1 North America Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.2.1.2 North America Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.2.1.3 North America Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

#### 7.2.2 U.S.

7.2.2.1 Key Country Dynamics

7.2.2.2 Target Disease Prevalence

7.2.2.3 Competitive Scenario

7.2.2.4 Regulatory Framework

7.2.2.5 Reimbursement Scenario

7.2.2.6 U.S. Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.2.2.7 U.S. Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.2.2.8 U.S. Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.2.3 Canada

7.2.3.1 Key Country Dynamics

7.2.3.2 Target Disease Prevalence

7.2.3.3 Competitive Scenario

7.2.3.4 Regulatory Framework

7.2.3.5 Reimbursement Scenario

7.2.3.6 Canada Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.2.3.7 Canada Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.2.3.8 Canada Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.3 Europe

7.3.1 SWOT Analysis

7.3.1.1 Europe Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.3.1.2 Europe Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.3.1.3 Europe Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.3.2 Germany

7.3.2.1 Key Country Dynamics

7.3.2.2 Target Disease Prevalence

7.3.2.3 Competitive Scenario

7.3.2.4 Regulatory Framework

7.3.2.5 Reimbursement Scenario

7.3.2.6 Germany Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.3.2.7 Germany Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.3.2.8 Germany Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.3.3 U.K.

7.3.3.1 Key Country Dynamics

7.3.3.2 Target Disease Prevalence

7.3.3.3 Competitive Scenario

7.3.3.4 Regulatory Framework



- 7.3.3.5 Reimbursement Scenario
- 7.3.3.6 U.K. Industrial microbiology market, by product, 2018 - 2030 (USD Million)
- 7.3.3.7 U.K. Industrial microbiology market, by test, 2018 - 2030 (USD Million)
- 7.3.3.8 U.K. Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.3.4 France
  - 7.3.4.1 Key Country Dynamics
  - 7.3.4.2 Target Disease Prevalence
  - 7.3.4.3 Competitive Scenario
  - 7.3.4.4 Regulatory Framework
  - 7.3.4.5 Reimbursement Scenario
  - 7.3.4.6 France Industrial microbiology market, by product, 2018 - 2030 (USD Million)
  - 7.3.4.7 France Industrial microbiology market, by test, 2018 - 2030 (USD Million)
  - 7.3.4.8 France Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.3.5 Italy
  - 7.3.5.1 Key Country Dynamics
  - 7.3.5.2 Target Disease Prevalence
  - 7.3.5.3 Competitive Scenario
  - 7.3.5.4 Regulatory Framework
  - 7.3.5.5 Reimbursement Scenario
  - 7.3.5.6 Italy Industrial microbiology market, by product, 2018 - 2030 (USD Million)
  - 7.3.5.7 Italy Industrial microbiology market, by test, 2018 - 2030 (USD Million)
  - 7.3.5.8 Italy Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.3.6 Spain
  - 7.3.6.1 Key Country Dynamics
  - 7.3.6.2 Target Disease Prevalence
  - 7.3.6.3 Competitive Scenario
  - 7.3.6.4 Regulatory Framework
  - 7.3.6.5 Reimbursement Scenario
  - 7.3.6.6 Spain Industrial microbiology market, by product, 2018 - 2030 (USD Million)
  - 7.3.6.7 Spain Industrial microbiology market, by test, 2018 - 2030 (USD Million)
  - 7.3.6.8 Spain Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.3.7 Denmark
  - 7.3.7.1 Key Country Dynamics
  - 7.3.7.2 Target Disease Prevalence
  - 7.3.7.3 Competitive Scenario
  - 7.3.7.4 Regulatory Framework
  - 7.3.7.5 Reimbursement Scenario
  - 7.3.7.6 Denmark Industrial microbiology market, by product, 2018 - 2030 (USD Million)



7.3.7.7 Denmark Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.3.7.8 Denmark Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.3.8 Sweden

7.3.8.1 Key Country Dynamics

7.3.8.2 Target Disease Prevalence

7.3.8.3 Competitive Scenario

7.3.8.4 Regulatory Framework

7.3.8.5 Reimbursement Scenario

7.3.8.6 Sweden Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.3.8.7 Sweden Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.3.8.8 Sweden Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.3.9 Norway

7.3.9.1 Key Country Dynamics

7.3.9.2 Target Disease Prevalence

7.3.9.3 Competitive Scenario

7.3.9.4 Regulatory Framework

7.3.9.5 Reimbursement Scenario

7.3.9.6 Norway Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.3.9.7 Norway Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.3.9.8 Norway Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.4 Asia Pacific

7.4.1 SWOT Analysis

7.4.1.1 Asia Pacific Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.4.1.2 Asia Pacific Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.4.1.3 Asia Pacific Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.4.2 Japan

7.4.2.1 Key Country Dynamics

7.4.2.2 Target Disease Prevalence

7.4.2.3 Competitive Scenario

7.4.2.4 Regulatory Framework

7.4.2.5 Reimbursement Scenario

7.4.2.6 Japan Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.4.2.7 Japan Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.4.2.8 Japan Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.4.3 China

- 7.4.3.1 Key Country Dynamics
- 7.4.3.2 Target Disease Prevalence
- 7.4.3.3 Competitive Scenario
- 7.4.3.4 Regulatory Framework
- 7.4.3.5 Reimbursement Scenario
- 7.4.3.6 China Industrial microbiology market, by product, 2018 - 2030 (USD Million)
- 7.4.3.7 China Industrial microbiology market, by test, 2018 - 2030 (USD Million)
- 7.4.3.8 China Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.4.4 India
  - 7.4.4.1 Key Country Dynamics
  - 7.4.4.2 Target Disease Prevalence
  - 7.4.4.3 Competitive Scenario
  - 7.4.4.4 Regulatory Framework
  - 7.4.4.5 Reimbursement Scenario
  - 7.4.4.6 India Industrial microbiology market, by product, 2018 - 2030 (USD Million)
  - 7.4.4.7 India Industrial microbiology market, by test, 2018 - 2030 (USD Million)
  - 7.4.4.8 India Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.4.5 South Korea
  - 7.4.5.1 Key Country Dynamics
  - 7.4.5.2 Target Disease Prevalence
  - 7.4.5.3 Competitive Scenario
  - 7.4.5.4 Regulatory Framework
  - 7.4.5.5 Reimbursement Scenario
  - 7.4.5.6 South Korea Industrial microbiology market, by product, 2018 - 2030 (USD Million)
  - 7.4.5.7 South Korea Industrial microbiology market, by test, 2018 - 2030 (USD Million)
  - 7.4.5.8 South Korea Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.4.6 Australia
  - 7.4.6.1 Key Country Dynamics
  - 7.4.6.2 Target Disease Prevalence
  - 7.4.6.3 Competitive Scenario
  - 7.4.6.4 Regulatory Framework
  - 7.4.6.5 Reimbursement Scenario
  - 7.4.6.6 Australia Industrial microbiology market, by product, 2018 - 2030 (USD Million)
  - 7.4.6.7 Australia Industrial microbiology market, by test, 2018 - 2030 (USD Million)
  - 7.4.6.8 Australia Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

Million)

#### 7.4.7 Thailand

7.4.7.1 Key Country Dynamics

7.4.7.2 Target Disease Prevalence

7.4.7.3 Competitive Scenario

7.4.7.4 Regulatory Framework

7.4.7.5 Reimbursement Scenario

7.4.7.6 Thailand Industrial microbiology market, by product, 2018 - 2030 (USD

Million)

7.4.7.7 Thailand Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.4.7.8 Thailand Industrial microbiology market, by end-use, 2018 - 2030 (USD

Million)

#### 7.5 Latin America

##### 7.5.1 SWOT Analysis

7.5.1.1 Latin America Industrial microbiology market, by product, 2018 - 2030 (USD

Million)

7.5.1.2 Latin America Industrial microbiology market, by test, 2018 - 2030 (USD

Million)

7.5.1.3 Latin America Industrial microbiology market, by end-use, 2018 - 2030 (USD

Million)

##### 7.5.2 Brazil

7.5.2.1 Key Country Dynamics

7.5.2.2 Target Disease Prevalence

7.5.2.3 Competitive Scenario

7.5.2.4 Regulatory Framework

7.5.2.5 Reimbursement Scenario

7.5.2.6 Brazil Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.5.2.7 Brazil Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.5.2.8 Brazil Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

##### 7.5.3 Mexico

7.5.3.1 Key Country Dynamics

7.5.3.2 Target Disease Prevalence

7.5.3.3 Competitive Scenario

7.5.3.4 Regulatory Framework

7.5.3.5 Reimbursement Scenario

7.5.3.6 Mexico Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.5.3.7 Mexico Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.5.3.8 Mexico Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

##### 7.5.4 Argentina

7.5.4.1 Key Country Dynamics

7.5.4.2 Target Disease Prevalence

7.5.4.3 Competitive Scenario

7.5.4.4 Regulatory Framework

7.5.4.5 Reimbursement Scenario

7.5.4.6 Argentina Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.5.4.7 Argentina Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.5.4.8 Argentina Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.6 MEA

7.6.1 SWOT Analysis

7.6.1.1 MEA Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.6.1.2 MEA Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.6.1.3 MEA Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.6.2 South Africa

7.6.2.1 Key Country Dynamics

7.6.2.2 Target Disease Prevalence

7.6.2.3 Competitive Scenario

7.6.2.4 Regulatory Framework

7.6.2.5 Reimbursement Scenario

7.6.2.6 Argentina Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.6.2.7 Argentina Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.6.2.8 Argentina Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.6.3 Saudi Arabia

7.6.3.1 Key Country Dynamics

7.6.3.2 Target Disease Prevalence

7.6.3.3 Competitive Scenario

7.6.3.4 Regulatory Framework

7.6.3.5 Reimbursement Scenario

7.6.3.6 Saudi Arabia Industrial microbiology market, by product, 2018 - 2030 (USD Million)

7.6.3.7 Saudi Arabia Industrial microbiology market, by test, 2018 - 2030 (USD Million)

7.6.3.8 Saudi Arabia Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

7.6.4 UAE

- 7.6.4.1 Key Country Dynamics
- 7.6.4.2 Target Disease Prevalence
- 7.6.4.3 Competitive Scenario
- 7.6.4.4 Regulatory Framework
- 7.6.4.5 Reimbursement Scenario
- 7.6.4.6 UAE Industrial microbiology market, by product, 2018 - 2030 (USD Million)
- 7.6.4.7 UAE Industrial microbiology market, by test, 2018 - 2030 (USD Million)
- 7.6.4.8 UAE Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)
- 7.6.5 Kuwait
  - 7.6.5.1 Key Country Dynamics
  - 7.6.5.2 Target Disease Prevalence
  - 7.6.5.3 Competitive Scenario
  - 7.6.5.4 Regulatory Framework
  - 7.6.5.5 Reimbursement Scenario
  - 7.6.5.6 Kuwait Industrial microbiology market, by product, 2018 - 2030 (USD Million)
  - 7.6.5.7 Kuwait Industrial microbiology market, by test, 2018 - 2030 (USD Million)
  - 7.6.5.8 Kuwait Industrial microbiology market, by end-use, 2018 - 2030 (USD Million)

## **CHAPTER 8 COMPETITIVE LANDSCAPE**

- 8.1 Participant's overview
- 8.2 Financial performance
- 8.3 Participant categorization
  - 8.3.1 Market leaders
    - 8.3.1.1 Industrial microbiology market share analysis, 2022
    - 8.3.1.2 Company profiles
      - 8.3.1.2.1 bioMerieux SA
      - 8.3.1.2.2 Bio-Rad Laboratories Inc.
      - 8.3.1.2.3 Thermo Fisher Scientific Inc.
      - 8.3.1.2.4 3M Company.
      - 8.3.1.2.5 Danaher Corporation
      - 8.3.1.2.6 Eppendorf AG
      - 8.3.1.2.7 Merck KGaA
      - 8.3.1.2.8 Becton Dickinson and Company
      - 8.3.1.2.9 Sartorius AG
      - 8.3.1.2.10 Asiagel Corporation
  - 8.3.2 Strategy mapping
    - 8.3.2.1 Expansion
    - 8.3.2.2 Acquisition

8.3.2.3 Collaborations

8.3.2.4 Product/service launch

8.3.2.5 Partnerships

8.3.2.6 Others

## List Of Tables

### LIST OF TABLES

Table 1 List of Secondary Sources

Table 2 List of Abbreviations

Table 3 Global Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 4 Global Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 5 Global Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 6 Global Industrial Microbiology Market, by Region, 2018 - 2030 (USD Million)

Table 7 North America Industrial Microbiology Market, by Country, 2018 - 2030 (USD Million)

Table 8 North America Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 9 North America Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 10 North America Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 11 U.S. Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 12 U.S. Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 13 U.S. Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 14 Canada Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 15 Canada Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 16 Canada Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 17 Europe Industrial Microbiology Market, by Country, 2018 - 2030 (USD Million)

Table 18 Europe Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 19 Europe Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 20 Europe Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 21 Germany Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 22 Germany Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 23 Germany Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 24 U.K. Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 25 U.K. Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 26 U.K. Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 27 France Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 28 France Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 29 France Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 30 Italy Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)



- Table 31 Italy Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 32 Italy Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 33 Spain Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 34 Spain Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 35 Spain Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 36 Denmark Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 37 Denmark Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 38 Denmark Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 39 Sweden Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 40 Sweden Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 41 Sweden Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 42 Norway Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 43 Norway Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 44 Norway Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 45 Asia Pacific Industrial Microbiology Market, by Country, 2018 - 2030 (USD Million)
- Table 46 Asia Pacific Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 47 Asia Pacific Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 48 Asia Pacific Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 49 China Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 50 China Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 51 China Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 52 Japan Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 53 Japan Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 54 Japan Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 55 India Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 56 India Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 57 India Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 58 South Korea Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 59 South Korea Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 60 South Korea Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 61 Australia Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

- Table 62 Australia Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 63 Australia Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 64 Thailand Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 65 Thailand Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 66 Thailand Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 67 Latin America Industrial Microbiology Market, by Country, 2018 - 2030 (USD Million)
- Table 68 Latin America Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 69 Latin America Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 70 Latin America Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 71 Brazil Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 72 Brazil Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 73 Brazil Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 74 Mexico Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 75 Mexico Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 76 Mexico Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 77 Argentina Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 78 Argentina Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 79 Argentina Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 80 Middle East & Africa Industrial Microbiology Market, by Country, 2018 - 2030 (USD Million)
- Table 81 Middle East & Africa Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 82 Middle East & Africa Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 83 Middle East & Africa Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 84 South Africa Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)
- Table 85 South Africa Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)
- Table 86 South Africa Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)
- Table 87 Saudi Arabia Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 88 Saudi Arabia Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 89 Saudi Arabia Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 90 UAE Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 91 UAE Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 92 UAE Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)

Table 93 Kuwait Industrial Microbiology Market, by Product, 2018 - 2030 (USD Million)

Table 94 Kuwait Industrial Microbiology Market, by Test, 2018 - 2030 (USD Million)

Table 95 Kuwait Industrial Microbiology Market, End-use, 2018 - 2030 (USD Million)?

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Information Procurement
- Fig. 3 Primary Research Pattern
- Fig. 4 Market Research Approaches
- Fig. 5 Value Chain-Based Sizing & Forecasting
- Fig. 6 Market Formulation & Validation
- Fig. 7 Industrial Microbiology Market Segmentation
- Fig. 8 Market Snapshot, 2021
- Fig. 9 Market Trends & Outlook
- Fig. 10 Market Driver Relevance Analysis (Current & Future Impact)
- Fig. 11 Market Restraint Relevance Analysis (Current & Future Impact)
- Fig. 12 Market Challenge Relevance Analysis (Current & Future Impact)
- Fig. 13 SWOT Analysis, By Factor (Political & Legal, Economic and Technological)
- Fig. 14 Porter's Five Forces Analysis
- Fig. 15 Market Penetration Vs Growth Prospect Mapping, 2021
- Fig. 16 Global Industrial microbiology: Product Movement Analysis
- Fig. 17 Global Industrial microbiology Market, for Equipment and Systems, 2018 - 2030 (USD Million)
- Fig. 18 Global Industrial microbiology Market, for Filtration Pumps and Systems, 2018 - 2030 (USD Million)
- Fig. 19 Global Industrial microbiology Market, for Microbial Detection Systems, 2018 - 2030 (USD Million)
- Fig. 20 Global Industrial microbiology Market, for Air Monitoring Systems, 2018 - 2030 (USD Million)
- Fig. 21 Global Industrial microbiology Market, for Automated Equipment, 2018 - 2030 (USD Million)
- Fig. 22 Global Industrial microbiology Market, for Incubators and Culture Apparatus, 2018 - 2030 (USD Million)
- Fig. 23 Global Industrial microbiology Market, for Others, 2018 - 2030 (USD Million)
- Fig. 24 Global Industrial microbiology Market, for Reaction Consumables, 2018 - 2030 (USD Million)
- Fig. 25 Global Industrial microbiology Market, for Media, 2018 - 2030 (USD Million)
- Fig. 26 Global Industrial microbiology Market, for Reagents and Strains, 2018 - 2030 (USD Million)

Fig. 27 Global Industrial microbiology Market, for Laboratory Supplies, 2018 - 2030 (USD Million)

Fig. 28 Global Industrial microbiology Market, for Bags and Bottles, 2018 - 2030 (USD Million)

Fig. 29 Global Industrial microbiology Market, for Loop and Needles, 2018 - 2030 (USD Million)

Fig. 30 Global Industrial microbiology Market, for Petri Dishes, Racks, Seals, Plates and Holders, 2018 - 2030 (USD Million)

Fig. 31 Global Industrial microbiology Market, for Filtration Disc and Membranes, 2018 - 2030 (USD Million)

Fig. 32 Global Industrial microbiology Market, for Others, 2018 - 2030 (USD Million)

Fig. 33 Global Industrial microbiology: Test Movement Analysis

Fig. 34 Global Industrial microbiology Market, for Sterility Testing, 2018 - 2030 (USD Million)

Fig. 35 Global Industrial microbiology Market, for Microbial Limits Testing, 2018 - 2030 (USD Million)

Fig. 36 Global Industrial microbiology Market, for Bio-burden Testing, 2018 - 2030 (USD Million)

Fig. 37 Global Industrial microbiology Market, for Water and Environmental Testing, 2018 - 2030 (USD Million)

Fig. 38 Global Industrial microbiology: End-Use Movement Analysis

Fig. 39 Global Industrial microbiology Market, for Food and Beverages, 2018 - 2030 (USD Million)

Fig. 40 Global Industrial microbiology Market, for Pharmaceutical Biotechnology, 2018 - 2030 (USD Million)

Fig. 41 Global Industrial microbiology Market, for Agricultural, 2018 - 2030 (USD Million)

Fig. 42 Global Industrial microbiology Market, for Environmental, 2018 - 2030 (USD Million)

Fig. 43 Global Industrial microbiology Market, for Cosmetic and Personal Care, 2018 - 2030 (USD Million)

Fig. 44 Global Industrial microbiology Market, for Others, 2018 - 2030 (USD Million)

Fig. 45 Regional Marketplace: Key Takeaways

Fig. 46 Regional Outlook, 2022 & 2030

Fig. 47 Global Industrial microbiology: Region Movement Analysis

Fig. 48 North America Industrial microbiology Market, 2018 - 2030 (USD Million)

Fig. 49 U.S. Industrial microbiology Market, 2018 - 2030 (USD Million)

Fig. 50 Canada Industrial microbiology Market, 2018 - 2030 (USD Million)

Fig. 51 Europe Industrial microbiology Market, 2018 - 2030 (USD Million)

Fig. 52 Germany Industrial microbiology Market, 2018 - 2030 (USD Million)

- Fig. 53 U.K. Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 54 France Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 55 Italy Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 56 Spain Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 57 Denmark Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 58 Sweden Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 59 Norway Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 60 Asia Pacific Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 61 Japan Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 62 China Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 63 India Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 64 Australia Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 65 South Korea Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 66 Thailand Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 67 Latin America Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 68 Brazil Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 69 Mexico Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 70 Argentina Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 71 Middle East and Africa Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 72 South Africa Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 73 Saudi Arabia Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 74 UAE Industrial microbiology Market, 2018 - 2030 (USD Million)
- Fig. 75 Kuwait Industrial microbiology Market, 2018 - 2030 (USD Million)



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