

Microbial Identification Market by Product & Service (Instrument & Software, Consumable, Service), Method (Phenotypic, Proteomic), Technology (Mass Spectrometry, PCR), Application (Diagnostic, Food Testing), End User (Hospital) - Global Forecast to 2025

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Abstracts

The global microbial identification market size is estimated to be USD 3.2 billion in 2020 and projected to reach USD 5.7 billion by 2025, at a CAGR of 12.2%. Growth in this market is largely driven by the rising incidence of infectious diseases and the increasing frequency of pandemics, technological advancements, increasing food safety concerns, and increasing government initiatives and funding to detect and control antimicrobial-resistant species

“By consumables type segment, the panels/ID cards & media segment accounted for the fastest growing consumable segment of the microbial identification market”

On the basis of product & service type, the consumables segment is further segmented into panels/ID cards & media, kits and other consumables. The panels/ID cards & media accounted for the fastest growing segment of the consumables segment. Panels, ID cards, and media enable the easy and rapid identification of microorganisms and is a key factor driving market growth

“By application, the diagnostic applications segment accounted for the largest share of the microbial identification market”

Based on application, the microbial identification market is categorized into six segments— diagnostic applications, pharmaceutical applications, food testing, beverage testing, cosmetics and personal care products testing, environmental applications, and

other applications. The diagnostic applications accounted for the largest share of application segment due to the increasing use of microbial identification to diagnose infectious diseases in humans and animals.

“Asia Pacific: The fastest-growing region in the microbial identification market.”

The Asia Pacific region is estimated to grow at the highest CAGR in the microbial identification market during the forecast period, this is mainly due to the improving healthcare infrastructure, the heavy burden of infectious diseases, growing initiatives to control the spread of infectious diseases, and increasing investments by leading players in this region

“North America: the largest share of the microbial identification market”

North America accounted for the largest share of the microbial identification market. Technological advancements in microbial identification, increasing prevalence of infectious diseases, growing food safety concerns, and the presence of prominent players are the major drivers of the North American market.

Breakdown of primaries

The study contains insights from various industry experts, ranging from component suppliers to Tier 1 companies and OEMs. The break-up of the primaries is as follows:

By Respondent— Supply Side- 80%, Demand Side-20%

By Designation— CXOs - 20%, Executives - 25%, Managers - 55%

By Region— North America - 45%, Europe - 20%, APAC – 25%, RoW- 10%

The microbial identification market is dominated by a few globally established players such as bioMérieux SA (France), Becton, Dickinson and Company (US), Thermo Fisher Scientific Inc. (US), Danaher Corporation (US), Merck KGaA (Germany), Bruker Corporation (US), Shimadzu Corporation (Japan), QIAGEN NV (Netherlands), Biolog, Inc. (US), Avantor, Inc. (US), Accelerate Diagnostics, Inc. (US), Liofilchem S.r.l. (Italy), Trivitron Healthcare (India), Gradian Diagnostics (US), Alifax S.r.l. (Italy), Himedia Laboratories (India), I2A SA (France), Zhuhai DL Biotech Co., Ltd. (China), Genesfluidics, Inc. (US), Creative Diagnostics (US), Synoptics Ltd. (UK), Novacyt Group

(France), vermicon AG (Germany), and ELITechGroup (France), and PromoCell GmbH (Germany)

Research Coverage:

The report segments the microbial identification market based on region (Asia Pacific, Europe, North America, and RoW), product & service (instruments & software, consumables and services), method (phenotypic, proteomic-based, and genotypic), technology (mass spectrometry, PCR, flow cytometry, microscopy, and other microbial identification technologies), application (diagnostic applications, pharmaceutical applications, food testing, beverage testing, cosmetics and personal care products testing, environmental applications, and other applications), end user (hospitals, diagnostic laboratories, and blood banks; pharmaceutical companies & CROs; food manufacturing companies; beverage manufacturing companies; and other end users). The report also provides a comprehensive review of market drivers, restraints, opportunities, challenges and trends in the microbial identification market.

Key Benefits of Buying the Report:

The report will help the leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall market and the sub-segments. This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the microbial identification market and provides them information on key market drivers, restraints, challenges, opportunities and trends.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
 - 1.2.1 INCLUSIONS & EXCLUSIONS
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS
- 1.7 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.2 PRIMARY DATA
- 2.2 MARKET DATA ESTIMATION & TRIANGULATION
 - 2.2.1 DATA TRIANGULATION
- FIGURE 1 DATA TRIANGULATION METHODOLOGY
- 2.3 MARKET ESTIMATION METHODOLOGY
- FIGURE 2 MARKET SIZE ESTIMATION: APPROACH 1 (COMPANY REVENUE ANALYSIS-BASED ESTIMATION)
- FIGURE 3 MICROBIAL IDENTIFICATION MARKET SIZE (USD BILLION)
- FIGURE 4 MICROBIAL IDENTIFICATION MARKET: FINAL CAGR PROJECTIONS (2020?2025)
- FIGURE 5 MICROBIAL IDENTIFICATION MARKET: CAGR PROJECTIONS FROM THE ANALYSIS OF DEMAND-SIDE DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES
- FIGURE 6 MICROBIAL IDENTIFICATION MARKET: SEGMENTAL ASSESSMENT
- 2.4 INDUSTRY INSIGHTS
- 2.5 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

- FIGURE 7 MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2020

VS. 2025 (USD MILLION)

FIGURE 8 MICROBIAL IDENTIFICATION MARKET SHARE, BY METHOD, 2019

FIGURE 9 MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2020 VS. 2025 (USD MILLION)

FIGURE 10 MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2020 VS. 2025 (USD MILLION)

FIGURE 11 MICROBIAL IDENTIFICATION MARKET, BY END USER, 2020?2025

FIGURE 12 GEOGRAPHICAL SNAPSHOT OF THE MICROBIAL IDENTIFICATION MARKET

4 PREMIUM INSIGHTS

4.1 MICROBIAL IDENTIFICATION MARKET OVERVIEW

FIGURE 13 RISING INCIDENCE OF INFECTIOUS DISEASES TO DRIVE MARKET GROWTH

4.2 ASIA PACIFIC: MICROBIAL IDENTIFICATION MARKET, BY END USER & COUNTRY (2019)

FIGURE 14 HOSPITALS, DIAGNOSTIC LABORATORIES, AND BLOOD BANKS ACCOUNTED FOR THE LARGEST SHARE OF THE ASIA PACIFIC MARKET IN 2019

4.3 MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE

FIGURE 15 PANELS/ID CARDS & MEDIA ARE PROJECTED TO WITNESS THE HIGHEST GROWTH IN THE FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 16 MICROBIAL IDENTIFICATION MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, CHALLENGES, AND TRENDS

5.2.1 DRIVERS

5.2.1.1 Rising incidence of infectious diseases and increasing frequency of pandemics

5.2.1.2 Technological advancements

5.2.1.3 Increasing food safety concerns

5.2.1.4 Increasing government initiatives and funding to detect and control antimicrobial-resistant species

5.2.2 RESTRAINTS

5.2.2.1 High cost of automated microbial identification systems

5.2.3 OPPORTUNITIES

5.2.3.1 Emerging economies present significant growth opportunities

5.2.3.2 Bioterrorism surveillance

5.2.4 CHALLENGES

5.2.4.1 Complex regulatory frameworks that delay the approval of new microbial diagnostic tests

5.2.5 TRENDS

5.2.5.1 Impact of COVID-19 on the microbial identification market

5.3 TECHNOLOGICAL ANALYSIS

5.3.1 CONVENTIONAL METHODS

5.3.2 MODERN METHODS

TABLE 1 BROAD CLASSIFICATION OF THE VARIOUS METHODS OF MICROBIAL IDENTIFICATION

TABLE 2 COMPARISON OF TIME-TO-DETECTION OF IDENTIFICATION SYSTEMS

5.4 REGULATORY ANALYSIS

5.5 ECOSYSTEM ANALYSIS OF THE MICROBIAL IDENTIFICATION MARKET

FIGURE 17 ECOSYSTEM ANALYSIS OF THE MICROBIAL IDENTIFICATION MARKET

5.6 VALUE CHAIN ANALYSIS

FIGURE 18 VALUE CHAIN ANALYSIS—MAXIMUM VALUE IS ADDED DURING THE MANUFACTURING PHASE

6 MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE

6.1 INTRODUCTION

TABLE 3 MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

6.1.1 INSTRUMENTS & SOFTWARE

6.1.1.1 Technological advancements in microbial identification systems to drive the market for instruments & software

TABLE 4 MICROBIAL IDENTIFICATION INSTRUMENTS & SOFTWARE MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 5 NORTH AMERICA: MICROBIAL IDENTIFICATION INSTRUMENTS & SOFTWARE MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 6 EUROPE: MICROBIAL IDENTIFICATION INSTRUMENTS & SOFTWARE MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 7 APAC: MICROBIAL IDENTIFICATION INSTRUMENTS & SOFTWARE MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

6.1.2 CONSUMABLES

TABLE 8 MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY REGION,

2018–2025 (USD MILLION)

TABLE 9 NORTH AMERICA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 10 EUROPE: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 11 APAC: MICROBIAL IDENTIFICATION MARKET CONSUMABLES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 12 MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

6.1.2.1 Panels/ID Cards & MEDIA

6.1.2.1.1 Panels, ID cards, and media enable the easy and rapid identification of microorganisms—key factors driving market growth

TABLE 13 MICROBIAL IDENTIFICATION PANELS/ID CARDS & MEDIA MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 14 NORTH AMERICA: MICROBIAL IDENTIFICATION PANELS/ID CARDS & MEDIA MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 15 EUROPE: MICROBIAL IDENTIFICATION PANELS/ID CARDS & MEDIA MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 16 APAC: MICROBIAL IDENTIFICATION PANELS/ID CARDS & MEDIA MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

6.1.2.2 KITS

6.1.2.2.1 Kits are user-friendly methods that enable the rapid detection and identification of microorganisms

TABLE 17 MICROBIAL IDENTIFICATION KITS MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 18 NORTH AMERICA: MICROBIAL IDENTIFICATION KITS MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 19 EUROPE: MICROBIAL IDENTIFICATION KITS MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 20 APAC: MICROBIAL IDENTIFICATION KITS MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

6.1.2.3 OTHER CONSUMABLES

TABLE 21 OTHER MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 22 NORTH AMERICA: OTHER MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 23 EUROPE: OTHER MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 24 APAC: OTHER MICROBIAL IDENTIFICATION CONSUMABLES MARKET,

BY COUNTRY, 2018–2025 (USD MILLION)

6.1.3 SERVICES

TABLE 25 MICROBIAL IDENTIFICATION SERVICES MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 26 NORTH AMERICA: MICROBIAL IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 27 EUROPE: MICROBIAL IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 28 APAC: MICROBIAL IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

7 MICROBIAL IDENTIFICATION MARKET, BY METHOD

7.1 INTRODUCTION

TABLE 29 MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

7.1.1 PHENOTYPIC METHODS

7.1.1.1 Ease of use and cost-effectiveness of phenotypic tests are key factors driving market growth

TABLE 30 MICROBIAL IDENTIFICATION MARKET FOR PHENOTYPIC METHODS, BY REGION, 2018–2025 (USD MILLION)

TABLE 31 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR PHENOTYPIC METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 32 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR PHENOTYPIC METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 33 APAC: MICROBIAL IDENTIFICATION MARKET FOR PHENOTYPIC METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

7.1.2 PROTEOMICS-BASED METHODS

7.1.2.1 Growing adoption of proteomics-based methods such as mass spectrometry to drive growth in this market segment

TABLE 34 MICROBIAL IDENTIFICATION MARKET FOR PROTEOMICS-BASED METHODS, BY REGION, 2018–2025 (USD MILLION)

TABLE 35 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR PROTEOMICS-BASED METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 36 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR PROTEOMICS-BASED METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 37 APAC: MICROBIAL IDENTIFICATION MARKET FOR PROTEOMICS-BASED METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

7.1.3 GENOTYPIC METHODS

7.1.3.1 High level of sensitivity and accuracy of genotypic methods to fuel market growth

TABLE 38 MICROBIAL IDENTIFICATION MARKET FOR GENOTYPIC METHODS, BY REGION, 2018–2025 (USD MILLION)

TABLE 39 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR GENOTYPIC METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 40 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR GENOTYPIC METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 41 APAC: MICROBIAL IDENTIFICATION MARKET FOR GENOTYPIC METHODS, BY COUNTRY, 2018–2025 (USD MILLION)

8 MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY

8.1 INTRODUCTION

TABLE 42 MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

8.1.1 MASS SPECTROMETRY

8.1.1.1 Growing adoption of MALDI-TOF for microbial identification to fuel market growth

TABLE 43 MASS SPECTROMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 44 NORTH AMERICA: MASS SPECTROMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 45 EUROPE: MASS SPECTROMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 46 APAC: MASS SPECTROMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

8.1.2 PCR

8.1.2.1 High sensitivity and accuracy of PCR techniques to drive market growth

TABLE 47 PCR-BASED MICROBIAL IDENTIFICATION MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 48 NORTH AMERICA: PCR-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 49 EUROPE: PCR-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 50 APAC: PCR-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

8.1.3 FLOW CYTOMETRY

8.1.3.1 Flow cytometers enable microbial detection without cell culturing techniques

and provide rapid results

TABLE 51 FLOW CYTOMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 52 NORTH AMERICA: FLOW CYTOMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 53 EUROPE: FLOW CYTOMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 54 APAC: FLOW CYTOMETRY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

8.1.4 MICROSCOPY

8.1.4.1 Low cost of microscopy instruments to drive growth in this market segment

TABLE 55 MICROSCOPY-BASED MICROBIAL IDENTIFICATION MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 56 NORTH AMERICA: MICROSCOPY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 57 EUROPE: MICROSCOPY-BASED MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 58 APAC: MICROSCOPY-BASED MICROBIAL IDENTIFICATION MARKET, 2018–2025 (USD MILLION)

8.1.5 OTHER MICROBIAL IDENTIFICATION TECHNOLOGIES

TABLE 59 OTHER MICROBIAL IDENTIFICATION TECHNOLOGIES MARKET, BY REGION, 2018–2025 (USD MILLION)

TABLE 60 NORTH AMERICA: OTHER MICROBIAL IDENTIFICATION TECHNOLOGIES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 61 EUROPE: OTHER MICROBIAL IDENTIFICATION TECHNOLOGIES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 62 APAC: OTHER MICROBIAL IDENTIFICATION TECHNOLOGIES MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

9 MICROBIAL IDENTIFICATION MARKET, BY APPLICATION

9.1 INTRODUCTION

TABLE 63 MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

9.1.1 DIAGNOSTIC APPLICATIONS

TABLE 64 MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY REGION, 2018–2025 (USD MILLION)

TABLE 65 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 66 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 67 APAC: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 68 MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

9.1.1.1 Human disease diagnosis

9.1.1.1.1 High prevalence of infectious diseases, coupled with periodic outbreaks of pandemics, is fueling the market growth

TABLE 69 MICROBIAL IDENTIFICATION MARKET FOR HUMAN DISEASE DIAGNOSIS, BY REGION, 2018–2025 (USD MILLION)

TABLE 70 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR HUMAN DISEASE DIAGNOSIS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 71 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR HUMAN DISEASE DIAGNOSIS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 72 APAC: MICROBIAL IDENTIFICATION MARKET FOR HUMAN DISEASE DIAGNOSIS, BY COUNTRY, 2018–2025 (USD MILLION)

9.1.1.2 Animal disease diagnosis

9.1.1.2.1 Increasing legislation changes for improving animal welfare in various countries across the globe to drive market growth

TABLE 73 MICROBIAL IDENTIFICATION MARKET FOR ANIMAL DISEASE DIAGNOSIS, BY REGION, 2018–2025 (USD MILLION)

TABLE 74 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR ANIMAL DISEASE DIAGNOSIS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 75 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR ANIMAL DISEASE DIAGNOSIS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 76 APAC: MICROBIAL IDENTIFICATION MARKET FOR ANIMAL DISEASE DIAGNOSIS, BY COUNTRY, 2018–2025 (USD MILLION)

9.1.2 PHARMACEUTICAL APPLICATIONS

9.1.2.1 Microbial identification techniques are used widely for contamination detection in pharmaceutical products

TABLE 77 MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL APPLICATIONS, BY REGION, 2018–2025 (USD MILLION)

TABLE 78 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 79 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 80 APAC: MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

9.1.3 FOOD TESTING

9.1.3.1 Increasing adoption of microbial identification technologies to detect contaminants in food products to boost the market

TABLE 81 MICROBIAL IDENTIFICATION MARKET FOR FOOD TESTING, BY REGION, 2018–2025 (USD MILLION)

TABLE 82 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR FOOD TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 83 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR FOOD TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 84 APAC: MICROBIAL IDENTIFICATION MARKET FOR FOOD TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

9.1.4 BEVERAGE TESTING

9.1.4.1 Microbial identification techniques are widely used to maintain high levels of hygiene and quality in beverages

TABLE 85 MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE TESTING, BY REGION, 2018–2025 (USD MILLION)

TABLE 86 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 87 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 88 APAC: MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

9.1.5 COSMETICS AND PERSONAL CARE PRODUCTS TESTING

9.1.5.1 Microbial identification is widely used to determine the presence of microbes in the cosmetic manufacturing process

TABLE 89 MICROBIAL IDENTIFICATION MARKET FOR COSMETICS AND PERSONAL CARE PRODUCTS TESTING, BY REGION, 2018–2025 (USD MILLION)

TABLE 90 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR COSMETICS AND PERSONAL CARE PRODUCTS TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 91 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR COSMETICS AND PERSONAL CARE PRODUCTS TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 92 APAC: MICROBIAL IDENTIFICATION MARKET FOR COSMETICS AND PERSONAL CARE PRODUCTS TESTING, BY COUNTRY, 2018–2025 (USD MILLION)

9.1.6 ENVIRONMENTAL APPLICATIONS

9.1.6.1 Growing focus on environmental monitoring across the globe is one of the major factors driving the growth of this market

TABLE 93 MICROBIAL IDENTIFICATION MARKET FOR ENVIRONMENTAL APPLICATIONS, BY REGION, 2018–2025 (USD MILLION)

TABLE 94 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR ENVIRONMENTAL APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 95 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR ENVIRONMENTAL APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 96 APAC: MICROBIAL IDENTIFICATION MARKET FOR ENVIRONMENTAL APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

9.1.7 OTHER APPLICATIONS

TABLE 97 MICROBIAL IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY REGION, 2018–2025 (USD MILLION)

TABLE 98 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 99 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 100 APAC: MICROBIAL IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

10 MICROBIAL IDENTIFICATION MARKET, BY END USER

10.1 INTRODUCTION

TABLE 101 MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

10.1.1 HOSPITALS, DIAGNOSTIC LABORATORIES, AND BLOOD BANKS

10.1.1.1 Extensive usage of microbial identification techniques for infectious disease diagnosis to drive market growth

TABLE 102 MICROBIAL IDENTIFICATION MARKET FOR HOSPITALS, DIAGNOSTIC LABORATORIES, AND BLOOD BANKS, BY REGION, 2018–2025 (USD MILLION)

TABLE 103 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR HOSPITALS, DIAGNOSTIC LABORATORIES, AND BLOOD BANKS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 104 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR HOSPITALS, DIAGNOSTIC LABORATORIES, AND BLOOD BANKS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 105 APAC: MICROBIAL IDENTIFICATION MARKET FOR HOSPITALS, DIAGNOSTIC LABORATORIES, AND BLOOD BANKS, BY COUNTRY, 2018–2025 (USD MILLION)

10.1.2 PHARMACEUTICAL COMPANIES & CONTRACT RESEARCH ORGANIZATIONS

10.1.2.1 Increasing use of microbial identification techniques to maintain regulatory compliance is boosting the growth of this market

TABLE 106 MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL COMPANIES & CONTRACT RESEARCH ORGANIZATIONS, BY REGION, 2018–2025 (USD MILLION)

TABLE 107 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL COMPANIES & CONTRACT RESEARCH ORGANIZATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 108 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL COMPANIES & CONTRACT RESEARCH ORGANIZATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 109 APAC: MICROBIAL IDENTIFICATION MARKET FOR PHARMACEUTICAL COMPANIES & CONTRACT RESEARCH ORGANIZATIONS, BY COUNTRY, 2018–2025 (USD MILLION)

10.1.3 FOOD MANUFACTURING COMPANIES

10.1.3.1 Growing number of regulations related to the quality of food manufacturing to drive market growth

TABLE 110 MICROBIAL IDENTIFICATION MARKET FOR FOOD MANUFACTURING COMPANIES, BY REGION, 2018–2025 (USD MILLION)

TABLE 111 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR FOOD MANUFACTURING COMPANIES, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 112 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR FOOD MANUFACTURING COMPANIES, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 113 APAC: MICROBIAL IDENTIFICATION MARKET FOR FOOD MANUFACTURING COMPANIES, BY COUNTRY, 2018–2025 (USD MILLION)

10.1.4 BEVERAGE MANUFACTURING COMPANIES

10.1.4.1 Microbial identification techniques are widely used to maintain the safety and quality of beverages

TABLE 114 MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE MANUFACTURING COMPANIES, BY REGION, 2018–2025 (USD MILLION)

TABLE 115 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE MANUFACTURING COMPANIES, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 116 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE MANUFACTURING COMPANIES, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 117 APAC: MICROBIAL IDENTIFICATION MARKET FOR BEVERAGE MANUFACTURING COMPANIES, BY COUNTRY, 2018–2025 (USD MILLION)

10.1.5 OTHER END USERS

TABLE 118 MICROBIAL IDENTIFICATION MARKET FOR OTHER END USERS, BY REGION, 2018–2025 (USD MILLION)

TABLE 119 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR OTHER

END USERS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 120 EUROPE: MICROBIAL IDENTIFICATION MARKET OTHER END USERS, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 121 APAC: MICROBIAL IDENTIFICATION MARKET FOR OTHER END USERS, BY COUNTRY, 2018–2025 (USD MILLION)

11 MICROBIAL IDENTIFICATION MARKET, BY REGION

11.1 INTRODUCTION

TABLE 122 MICROBIAL IDENTIFICATION MARKET, BY REGION, 2018–2025 (USD MILLION)

11.2 NORTH AMERICA

FIGURE 19 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET SNAPSHOT

TABLE 123 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 124 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 125 NORTH AMERICA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 126 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 127 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 128 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 129 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 130 NORTH AMERICA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.2.1 US

11.2.1.1 The US is the largest country-level market for microbial identification

TABLE 131 US: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 132 US: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 133 US: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 134 US: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 135 US: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 136 US: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 137 US: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.2.2 CANADA

11.2.2.1 Rising incidence of infectious diseases along with strong government funding to drive the market

TABLE 138 CANADA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 139 CANADA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 140 CANADA: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 141 CANADA: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 142 CANADA: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 143 CANADA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 144 CANADA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.3 EUROPE

TABLE 145 EUROPE: MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 146 EUROPE: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 147 EUROPE: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 148 EUROPE: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 149 EUROPE: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 150 EUROPE: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 151 EUROPE: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 152 EUROPE: MICROBIAL IDENTIFICATION MARKET, BY END USER,

2018–2025 (USD MILLION)

11.3.1 GERMANY

11.3.1.1 Germany to dominate the European microbial identification market

TABLE 153 GERMANY: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 154 GERMANY: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 155 GERMANY: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 156 GERMANY: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 157 GERMANY: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 158 GERMANY: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 159 GERMANY: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.3.2 FRANCE

11.3.2.1 Supportive government policies and easy access to healthcare services to fuel the market

TABLE 160 FRANCE: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 161 FRANCE: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 162 FRANCE: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 163 FRANCE: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 164 FRANCE: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 165 FRANCE: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 166 FRANCE: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.3.3 UK

11.3.3.1 High prevalence of infectious diseases is driving the microbial identification market in the UK

TABLE 167 UK: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 168 UK: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 169 UK: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 170 UK: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 171 UK: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 172 UK: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 173 UK: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.3.4 REST OF EUROPE (ROE)

TABLE 174 ROE: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 175 ROE: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 176 ROE: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 177 ROE: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 178 ROE: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 179 ROE: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 180 ROE: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.4 ASIA PACIFIC

FIGURE 20 ASIA PACIFIC: MICROBIAL IDENTIFICATION MARKET SNAPSHOT

TABLE 181 APAC: MICROBIAL IDENTIFICATION MARKET, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 182 APAC: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 183 APAC: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 184 APAC: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 185 APAC: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 186 APAC: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 187 APAC: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 188 APAC: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.4.1 JAPAN

11.4.1.1 Japan dominates the APAC market for microbial identification

TABLE 189 JAPAN: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 190 JAPAN: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 191 JAPAN: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 192 JAPAN: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 193 JAPAN: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 194 JAPAN: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 195 JAPAN: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.4.2 CHINA

11.4.2.1 Favorable regulations and heavy infectious disease burden to drive the growth of the microbial identification market in China

TABLE 196 CHINA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 197 CHINA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 198 CHINA: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 199 CHINA: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 200 CHINA: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 201 CHINA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 202 CHINA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.4.3 INDIA

11.4.3.1 Growing initiatives for clinical diagnosis and food safety by the government and major players to drive the market

TABLE 203 INDIA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 204 INDIA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 205 INDIA: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 206 INDIA: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 207 INDIA: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 208 INDIA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 209 INDIA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.4.4 SOUTH KOREA

11.4.4.1 Growing research supported by national institutes has led to rising adoption of microbial identification technologies

TABLE 210 SOUTH KOREA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 211 SOUTH KOREA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 212 SOUTH KOREA: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 213 SOUTH KOREA: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 214 SOUTH KOREA: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 215 SOUTH KOREA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 216 SOUTH KOREA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.4.5 REST OF ASIA PACIFIC (ROAPAC)

TABLE 217 ROAPAC: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 218 ROAPAC: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 219 ROAPAC: MICROBIAL IDENTIFICATION MARKET, BY METHOD,
2018–2025 (USD MILLION)

TABLE 220 ROAPAC: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY,
2018–2025 (USD MILLION)

TABLE 221 ROAPAC: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION,
2018–2025 (USD MILLION)

TABLE 222 ROAPAC: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC
APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 223 ROAPAC: MICROBIAL IDENTIFICATION MARKET, BY END USER,
2018–2025 (USD MILLION)

11.5 REST OF THE WORLD

TABLE 224 ROW: MICROBIAL IDENTIFICATION MARKET, BY REGION, 2018–2025
(USD MILLION)

TABLE 225 ROW: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT &
SERVICE, 2018–2025 (USD MILLION)

TABLE 226 ROW: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY
TYPE, 2018–2025 (USD MILLION)

TABLE 227 ROW: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025
(USD MILLION)

TABLE 228 ROW: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY,
2018–2025 (USD MILLION)

TABLE 229 ROW: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION,
2018–2025 (USD MILLION)

TABLE 230 ROW: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC
APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 231 ROW: MICROBIAL IDENTIFICATION MARKET, BY END USER,
2018–2025 (USD MILLION)

11.5.1 LATIN AMERICA

TABLE 232 LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY
COUNTRY, 2018–2025 (USD MILLION)

TABLE 233 LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT
& SERVICE, 2018–2025 (USD MILLION)

TABLE 234 LATIN AMERICA: MICROBIAL IDENTIFICATION CONSUMABLES
MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 235 LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY METHOD,
2018–2025 (USD MILLION)

TABLE 236 LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY
TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 237 LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY

APPLICATION, 2018–2025 (USD MILLION)

TABLE 238 LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 239 LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.5.1.1 Brazil

11.5.1.1.1 Growing number of research projects using different microbial identification techniques to drive market growth

TABLE 240 BRAZIL: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 241 BRAZIL: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 242 BRAZIL: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 243 BRAZIL: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 244 BRAZIL: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 245 BRAZIL: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 246 BRAZIL: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.5.1.2 REST OF LATIN AMERICA

TABLE 247 REST OF LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 248 REST OF LATIN AMERICA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 249 REST OF LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 250 REST OF LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 251 REST OF LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 252 REST OF LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 253 REST OF LATIN AMERICA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

11.5.2 MIDDLE EAST & AFRICA

11.5.2.1 Presence of a large patient population base and growing incidence of

infectious diseases to drive the market

TABLE 254 MEA: MICROBIAL IDENTIFICATION MARKET, BY PRODUCT & SERVICE, 2018–2025 (USD MILLION)

TABLE 255 MEA: MICROBIAL IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 256 MEA: MICROBIAL IDENTIFICATION MARKET, BY METHOD, 2018–2025 (USD MILLION)

TABLE 257 MEA: MICROBIAL IDENTIFICATION MARKET, BY TECHNOLOGY, 2018–2025 (USD MILLION)

TABLE 258 MEA: MICROBIAL IDENTIFICATION MARKET, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 259 MEA: MICROBIAL IDENTIFICATION MARKET FOR DIAGNOSTIC APPLICATIONS, BY TYPE, 2018–2025 (USD MILLION)

TABLE 260 MEA: MICROBIAL IDENTIFICATION MARKET, BY END USER, 2018–2025 (USD MILLION)

12 COMPETITIVE LANDSCAPE

12.1 INTRODUCTION

12.2 MARKET RANKING ANALYSIS

FIGURE 21 COMPANY RANKING IN THE MICROBIAL IDENTIFICATION MARKET, 2019

12.3 MARKET REVENUE ANALYSIS

FIGURE 22 REVENUE ANALYSIS OF MAJOR PLAYERS (2015–2019)

12.4 MARKET EVALUATION FRAMEWORK

TABLE 261 MARKET EVALUATION FRAMEWORK: PRODUCT LAUNCHES —THE MAJOR STRATEGY ADOPTED BY PLAYERS

12.5 COMPETITIVE SCENARIO

12.5.1 KEY PRODUCT LAUNCHES

12.5.2 KEY COLLABORATIONS, PARTNERSHIPS, AND AGREEMENTS

12.5.3 KEY EXPANSIONS

12.5.4 KEY ACQUISITIONS

13 COMPANY EVALUATION MATRIX AND COMPANY PROFILES

13.1 OVERVIEW

13.2 GLOBAL MICROBIAL IDENTIFICATION MARKET: COMPANY EVALUATION MATRIX

13.2.1 STARS

13.2.2 EMERGING LEADERS

13.2.3 PERVASIVE PLAYERS

13.2.4 PARTICIPANTS

FIGURE 23 GLOBAL MICROBIAL IDENTIFICATION MARKET: COMPANY EVALUATION MATRIX, 2019

13.3 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, and MnM View)*

13.3.1 BIOM?RIEUX SA

FIGURE 24 BIOM?RIEUX SA: COMPANY SNAPSHOT (2019)

13.3.2 BECTON, DICKINSON AND COMPANY

FIGURE 25 BECTON, DICKINSON AND COMPANY: COMPANY SNAPSHOT (2019)

13.3.3 THERMO FISHER SCIENTIFIC INC.

FIGURE 26 THERMO FISHER SCIENTIFIC INC.: COMPANY SNAPSHOT (2019)

13.3.4 DANAHER CORPORATION

FIGURE 27 DANAHER CORPORATION: COMPANY SNAPSHOT (2019)

13.3.5 MERCK KGAA

FIGURE 28 MERCK KGAA: COMPANY SNAPSHOT (2019)

13.3.6 BRUKER CORPORATION

FIGURE 29 BRUKER CORPORATION: COMPANY SNAPSHOT (2019)

13.3.7 SHIMADZU CORPORATION

FIGURE 30 SHIMADZU CORPORATION: COMPANY SNAPSHOT (2018)

13.3.8 QIAGEN NV

FIGURE 31 QIAGEN NV: COMPANY SNAPSHOT (2018)

13.3.9 AVANTOR, INC.

FIGURE 32 AVANTOR, INC.: COMPANY SNAPSHOT (2019)

13.3.10 ACCELERATE DIAGNOSTICS, INC.

FIGURE 33 ACCELERATE DIAGNOSTICS, INC.: COMPANY SNAPSHOT (2019)

13.3.11 BIOLOG, INC.

13.3.12 LIOFILCHEM S.R.L.

13.3.13 TRIVITRON HEALTHCARE

13.3.14 GRADIAN DIAGNOSTICS

13.3.15 ALIFAX S.R.L.

13.3.16 HIMEDIA LABORATORIES

13.3.17 I2A SA

13.3.18 ZHUHAI DL BIOTECH CO., LTD.

13.3.19 GENEFLUIDICS, INC.

13.3.20 CREATIVE DIAGNOSTICS

*Details on Business Overview, Products Offered, Recent Developments, and MnM View might not be captured in case of unlisted companies.

14 APPENDIX

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

14.3 AVAILABLE CUSTOMIZATIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

About

The global microbial identification market is expected to grow at a CAGR of XX% to reach \$XX million by 2019 from \$XX million in 2014. This growth can be attributed to the high prevalence of infectious diseases coupled with pandemic incidents. Moreover, technological advancements, increasing food safety concerns, rise in the healthcare expenditure, focus on development of healthcare infrastructure, and government initiatives and funding are all factors that are expected to drive the market growth. However, factors such as complex regulatory frameworks for product approval and high costs of automated microbial identification systems are likely to restrain the growth of this market.

The global microbial identification market is broadly segmented by product, method, application, end User, and geography. On the basis of products, the market is categorized into consumables, instruments and software, and services. Consumables form the largest revenue-generating segment of the global microbial identification market, owing to the growth in the demand for microbial identification in the discovery of infectious diseases. On the basis of methods, the microbial identification market is segmented into phenotypic and genotypic methods.

Among the various applications of microbial identification, diagnostic applications are expected to lead the market. The microbial identification market, by end User, is further segmented on the basis of detection and enumeration applications, microbial characterization applications, and culture collection repositories. On the basis of geography, the microbial identification market is divided into North America, Europe, Asia-Pacific, and the Rest of the World (RoW).

In 2014, North America is expected to account for the largest share of the microbial identification market, followed by Europe, which is expected to possess a slightly smaller market share than North America. The North American and European conventional microbial identification markets are likely to enter into a maturity phase of growth and will register moderate growth rates over the next five years. The Asia-Pacific region, on the other hand, is poised to grow at the highest rate, owing to increasing investment opportunities for companies in these immature markets, extended support from the government, and relaxed monitoring regulations in the implementation of procedures, policies, and guidelines of microbial identification to promote innovation and commercialization. Countries such as China, India, Australia, and Brazil are expected to be the major contributors to the growth of this market.

The major players in the microbial identification market include bioMérieux SA (France), Bruker Corporation (U.S.), Thermo Fisher Scientific, Inc. (U.S.), and Siemens Healthcare (Germany).

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