

Global Industrial Microbiological QC Market Growth (Status and Outlook) 2023-2029

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Abstracts

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Microbiological testing is reasonably spread around the world, testing practices within various geographic regions vary significantly. Automation provides significant time and cost saving while also reducing the potential of human error. It also enables the provision of consistently reliable and accurate results. There are commercially available automated and semi-automated systems that are based on several technologies such as polymerase chain reaction (PCR), next-generation sequencing (NGS), MALDI-TOF mass spectrometry, flow cytometry, bioluminescence technology, and enzyme-linked fluorescent assay (ELFA). Most of these technologies are aimed at providing efficiency gains when compared to traditional laboratory technologies, and therefore have significant potential for both time and cost savings. Hence, these technologies are adopted for the detection and identification of pathogens and other microorganisms in the manufacturing process of industries to avoid further chances of product recalls.

According to this study, the global Industrial Microbiological QC market size will reach US\$ million by 2029.

This report presents a comprehensive overview, market shares, and growth opportunities of Industrial Microbiological QC market by product type, application, key players and key regions and countries.

Segmentation by product type:

PCR

Bioluminescence

Flow Cytometry

Membrane Filtration

Fluorescence

Colorimetry

Others

Segmentation by Application:

Product Testing Laboratories

Research and Academic Institutions

Pharmaceutical and Biotechnology Companies

Regulatory and Environmental Agencies

Food and Beverage Companies

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

3M Company

Becton, Dickinson and Company

Bio-Rad Laboratories

Biolog

bioMérieux

Bruker Corporation

BIOTECON Diagnostics GmbH

Charles River Laboratories International

Danaher Corporation

F. Hoffmann-La Roche Ltd.

R-Biopharm AG

Lonza Group AG

Merck KGaA

Novacyt S.A.

QIAGEN N.V.

Sartorius AG

Shimadzu Corporation

Thermo Fisher Scientific

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