

## **Aseptic Sampling Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 120 pages | Mordor Intelligence

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### **Report description:**

The aseptic sampling market registered a CAGR of nearly 10.24% during the forecast period (2022-2027).

Due to the COVID-19 situation, there were many companies focused on the development of effective vaccines, biologics, and drugs to prevent/cure the disease. This is increased demand for aseptic testing. However, due to the slowdown of development and manufacturing of other pharmaceuticals or biologics coupled with supply chain disruption, the market has witnessed difficulties in 2020. Various research studies have been published on the impact of the pandemic on market growth. For instance, in June 2021, a research study was published titled "Sampling methods and assays applied in SARS-CoV-2 exposure assessment" stated that among the active sampling methods, several sampling devices can be used to assess the airborne virus. However, longer active sampling times may be required to ensure the collection of sufficient airborne viruses for detection by molecular techniques. Hence, the market is adversely affected by the pandemic. However, the market will grow in the long term.

The major factors attributing to the growth of the aseptic sampling market are the rise in the demand for biopharmaceuticals which resulted in the increased adoption of single-use aseptic sampling products. On the other hand, with growing spending on healthcare and drug development by companies and governments all over the world, aseptic sampling is projected to grow notably over the period. In January 2021, according to the United States Food and Drug Administration, there were about 53 novel drugs approved in 2020 compared to 48 in 2019. Moreover, in March 2021, there were additional 12 novel drugs approved in the United States. In addition, as a result of the increase in expenditure on healthcare, government regulations to ensure drug safety, and R&D activities in the segment increase globally, the aseptic sampling market is expected to grow over the forecast period.

Further, with the growing investment in the development of new drugs and drug abuse research, the demand for aseptic sampling products is expected to increase which is expected to boost the market growth. For instance, as per the May 2022 report of the

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National Institute of Health (NIH) of the United States, the research and development expenditure for drug abuse has increased over the years from USD 1,016 million in 2015 to USD 1,476 million in 2021. Similarly, in June 2022, SK Pharmteco, a subsidiary of SK Pharmaceuticals is investing about USD 35 million in the expansion of SK's pharmaceutical manufacturing plant in the Dublin suburb of Swords, Ireland, including a new building. Hence, such investments and expansions are expected to have a significant impact on the growth of the aseptic sampling market. However, issues related to leachable and extractable plastic materials in the sampling procedure coupled with the unknown impurities generated during the biopharmaceutical processes due to the employment of high temperatures are expected to hinder the market growth.

#### Aseptic Sampling Market Trends

##### Biotechnology and Pharmaceutical Manufacturers Segment is Expected to Have a Significant Share Over the Forecast Period

In the aseptic sampling market, biotechnology and pharmaceutical manufacturers are expected to have notable growth owing to the growing research and development spending and growing biological and pharmaceutical pipeline. For instance, the research and development expenditure of one of the biopharmaceutical companies known as Amgen Inc. is increasing over the years and as per the 2021 annual report of Amgen Inc., the research and development expenditure increased from USD 4,207 million in 2020 to USD 4,819 million in 2021. Also, advancements in product technologies and adoption by pharma and biotech companies are expected to fuel segment growth. For instance, in May 2020, Aventor Inc launched OmniTop Sample Tubes Adjustable sampling system explicitly designed for lower contamination risk and routine sampling in bioprocessing operations.

Also, with the COVID-19 situation, the manufacturing of essential drugs has increased tremendously in most of the countries in Europe and Asia. The acquisition is one of the key factors in market growth. For instance, in December 2020, Spartech acquired Tufpak, Inc., a manufacturer of medical-grade engineered films and plastics including biopharmaceutical aseptic sampling bags to expand its market position. Similarly, expansion is another factor in segmental growth. For instance, in June 2020, ABC Transfer, a manufacturer of secure Rapid Transfer Systems (RTS) for sampling in the biopharmaceutical industry, raised EUR 3 million in a Series A financing round. Hence, the above-mentioned factors are expected to increase market growth over the forecast period.

##### North America Region is Expected to Occupy Major Share in the Market Over the Forecast Period

North America is projected to have a notable share of the aseptic sampling market and is expected to do the same in the forecast period. Also, the increase in product launches and expansions by key market players and stringent government regulations regarding the safety and quality of various drugs will drive the North American aseptic sampling market. The United States is expected to have a significant share owing to the presence of key market players and the rising support of the government for the production and quality of pharma and biotech products. Key players in the region have been initiating various strategies to retain market share and expand into newer product lines. In February 2022, Labcorp opened a new diagnostics laboratory in South Bend, Indiana, allowing the company to enhance service levels and offerings to patients and physicians in South Bend and throughout the region.

Companies have been engaging in acquisitions, partnerships, and mergers, to strengthen their manufacturing capacities, and product portfolio, and to provide competitive differentiation. For instance, in November 2021, Pace Analytical Services acquired Basic Laboratory, Inc., a full-service environmental analytical testing company with locations in northern California. Similarly, in August 2020, Toronto-based BioPharma Services, Inc. acquired a list of validated assays from Bioanalytical Laboratory Services (BLS). BLS assets will be combined with BioPharma's existing Bioanalytical Lab to further expand and improve its analytical services and become a global leader in clinical research. Hence, the above-mentioned factors are likely to increase the market growth in the region over the forecast period.

#### Aseptic Sampling Market Competitor Analysis

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The aseptic sampling market is moderately competitive and consists of several major players. Some of the market players operating in the market include GEA Group, Gemu Group, Gore & Associates, Keofitt A/S, Lonza Group, Merck KGaA, Qualitru Sampling Systems, Saint Gobain, Sartorius Stedim Biotech and Thermo Fisher Scientific among others.

Additional Benefits:

The market estimate (ME) sheet in Excel format  
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