

Global Laboratory Plasticware Market Size Study, by Material (Low Density Polyethylene, High Density Polyethylene, Polystyrene, Polyvinyl Chloride, Polymethylpentene), End-use, and Regional Forecasts 2022-2032

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Abstracts

The Global Laboratory Plasticware Market is valued at approximately USD 2.13 billion in 2023 and is poised to grow at a compound annual growth rate (CAGR) of 4.80%, reaching a market size of USD 3.25 billion by 2032. Laboratory plasticware, indispensable in scientific and medical research, offers cost-effective, durable, and versatile solutions for various laboratory applications. These products, fabricated from diverse polymers such as low-density polyethylene (LDPE), high-density polyethylene (HDPE), and polystyrene, cater to an array of functions, from chemical storage to biological analysis. The surging demand for lightweight, non-reactive, and disposable alternatives to traditional glassware has underpinned the growth trajectory of this market.

The increasing prevalence of laboratory automation and high-throughput research methodologies has significantly bolstered the adoption of plasticware in laboratories globally. Furthermore, advancements in material science have enabled the development of plasticware with enhanced chemical resistance, sterility, and durability, catering to stringent requirements across industries. Despite its growth potential, the market faces challenges including environmental concerns linked to plastic waste and regulatory hurdles. Nevertheless, ongoing innovations in sustainable and recyclable materials are expected to mitigate these challenges, opening new avenues for market expansion.

Regionally, North America dominates the laboratory plasticware market, driven by a well-

established healthcare infrastructure, extensive research activities, and significant investments in biotechnology and pharmaceuticals. Europe follows closely, supported by stringent quality standards and a robust focus on life sciences innovation. The Asia-Pacific region is anticipated to witness the fastest growth over the forecast period, fueled by increasing government initiatives, expanding healthcare facilities, and a burgeoning pharmaceutical sector. Other regions, including Latin America and the Middle East & Africa, are gradually emerging as promising markets due to rising research activities and improving healthcare infrastructure.

The competitive landscape of the Global Laboratory Plasticware Market showcases a mix of established players and emerging companies, all vying for market share through product innovations, strategic collaborations, and regional expansions. With a growing emphasis on eco-friendly alternatives and the integration of smart technologies, the industry is poised for transformative advancements, ensuring its relevance in evolving scientific domains.

Major market players included in this report are:

Corning Incorporated

Eppendorf AG

Thermo Fisher Scientific Inc.

Greiner Bio-One International GmbH

Sartorius AG

Mettler Toledo

DWK Life Sciences

VWR International LLC (Avantor)

Sigma-Aldrich (Merck Group)

BRAND GMBH + CO KG

Starlab Group

Gilson, Inc.

Agilent Technologies, Inc.

Bel-Art Products (SP Scienceware)

Kartell S.p.A.

The detailed segments and sub-segment of the market are explained below:

By Material:

Low Density Polyethylene (LDPE)

High Density Polyethylene (HDPE)

Polystyrene

Polyvinyl Chloride (PVC)

Polymethylpentene

By End-use:

Academic & Research Institutions

Biotech & Pharmaceutical Companies

Clinical Laboratories

Others

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe (ROE)

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific (RoAPAC)

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa (RoMEA)

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

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