

Global Gel Permeation Chromatography (GPC) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Gel Permeation Chromatography (GPC) market size was valued at USD 134 million in 2023 and is forecast to a readjusted size of USD 159.1 million by 2030 with a CAGR of 2.5% during review period.

Gel permeation chromatography (GPC) is one of the most powerful and versatile analytical techniques available for understanding and predicting polymer performance. It is the most convenient technique for characterizing the complete molecular weight distribution of a polymer. Less sophisticated GPC systems, typically referred to as 'clean-up' systems, are used more as a sample preparation technique on complex samples.

For industry structure analysis, the Gel Permeation Chromatography (GPC) industry is concentrated. These manufacturers range from large multinational corporations to small privately owned companies compete in this industry. The top five producers include Waters, Shimadzu, Agilent Technologies, Malvern and TOSOH Corporation, account for 67% of the revenue market.

Asia-Pacific occupied 41% of the sales market. It is followed by Europe and North America, which respectively account for around 28% and 22% of the global total industry.

The Global Info Research report includes an overview of the development of the Gel Permeation Chromatography (GPC) industry chain, the market status of Academic Institutions (Analytical Systems, Clean-Up Systems), Chemical and Biochemical

Companies (Analytical Systems, Clean-Up Systems), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Gel Permeation Chromatography (GPC).

Regionally, the report analyzes the Gel Permeation Chromatography (GPC) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Gel Permeation Chromatography (GPC) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Gel Permeation Chromatography (GPC) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Gel Permeation Chromatography (GPC) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Analytical Systems, Clean-Up Systems).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Gel Permeation Chromatography (GPC) market.

Regional Analysis: The report involves examining the Gel Permeation Chromatography (GPC) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Gel Permeation Chromatography (GPC) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Gel Permeation Chromatography (GPC):

Company Analysis: Report covers individual Gel Permeation Chromatography (GPC) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Gel Permeation Chromatography (GPC). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Academic Institutions, Chemical and Biochemical Companies).

Technology Analysis: Report covers specific technologies relevant to Gel Permeation Chromatography (GPC). It assesses the current state, advancements, and potential future developments in Gel Permeation Chromatography (GPC) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Gel Permeation Chromatography (GPC) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Gel Permeation Chromatography (GPC) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Analytical Systems

Clean-Up Systems

Market segment by Application

Academic Institutions

Chemical and Biochemical Companies

Government Agencies

Others

Major players covered

Waters

Shimadzu

Agilent Technologies

Malvern

TOSOH Corporation

Schambeck SFD

Polymer Char

J2 Scientific

Gilson

LC Tech

Labtech

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Gel Permeation Chromatography (GPC) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gel Permeation Chromatography (GPC), with price, sales, revenue and global market share of Gel Permeation Chromatography (GPC) from 2019 to 2024.

Chapter 3, the Gel Permeation Chromatography (GPC) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gel Permeation Chromatography (GPC) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Gel Permeation Chromatography (GPC) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Gel Permeation Chromatography (GPC).

Chapter 14 and 15, to describe Gel Permeation Chromatography (GPC) sales channel, distributors, customers, research findings and conclusion.

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