

Global Mixed-Mode Chromatography Resin 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 Mixed-Mode Chromatography Resin market size was valued at USD 151.3 million in 2023 and is forecast to a readjusted size of USD 188 million by 2030 with a CAGR of 3.2% during review period.

Mixed-mode chromatography resin refers to the interactions or mixed-mode media used in this chromatographic method. Mixed-mode chromatography materials contain ligands of multimodal functionality that allow protein adsorption by a combination of ionic interactions, hydrogen bonds, and/or hydrophobic interactions. Complex mixtures like fermentation supernatants or cell lysates can be applied directly at relatively high conductivity, and elution is usually achieved by electrostatic charge repulsion.

Global Mixed-Mode Chromatography Resin key players include Pall Corporation, GE Healthcare, Bio-Rad Laboratories, Tosoh Corporation, Merck, etc. Global top five manufacturers hold a share over 95%.

USA is the largest market, with a share over 45%, followed by Europe and Japan, both have a share over 35%.

In terms of product, Ion Exchange-Hydrophobic is the largest segment, with a share over 90%. And in terms of application, the largest application is Monoclonal Antibodies, followed by Non-antibody Protein, Polyclonal Antibodies, etc.

The Global Info Research report includes an overview of the development of the Mixed-Mode Chromatography Resin industry chain, the market status of Monoclonal

Antibodies (Ion Exchange-Hydrophobic, Hydroxyapatite), Non-Antibody Protein (Ion Exchange-Hydrophobic, Hydroxyapatite), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Mixed-Mode Chromatography Resin.

Regionally, the report analyzes the Mixed-Mode Chromatography Resin 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 Mixed-Mode Chromatography Resin market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Mixed-Mode Chromatography Resin 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 Mixed-Mode Chromatography Resin 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 (L), revenue generated, and market share of different by Type (e.g., Ion Exchange-Hydrophobic, Hydroxyapatite).

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 Mixed-Mode Chromatography Resin market.

Regional Analysis: The report involves examining the Mixed-Mode Chromatography Resin 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 Mixed-Mode Chromatography Resin market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Mixed-Mode Chromatography Resin:

Company Analysis: Report covers individual Mixed-Mode Chromatography Resin 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 Mixed-Mode Chromatography Resin. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Monoclonal Antibodies, Non-Antibody Protein).

Technology Analysis: Report covers specific technologies relevant to Mixed-Mode Chromatography Resin. It assesses the current state, advancements, and potential future developments in Mixed-Mode Chromatography Resin areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Mixed-Mode Chromatography Resin 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

Mixed-Mode Chromatography Resin 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

Ion Exchange-Hydrophobic

Hydroxyapatite

Market segment by Application

Monoclonal Antibodies

Non-Antibody Protein

Polyclonal Antibodies

Others

Major players covered

Pall Corporation

GE Healthcare

Bio-Rad Laboratories

Tosoh Corporation

Merck

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 Mixed-Mode Chromatography Resin product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Mixed-Mode Chromatography Resin, with price, sales, revenue and global market share of Mixed-Mode Chromatography Resin from 2019 to 2024.

Chapter 3, the Mixed-Mode Chromatography Resin competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Mixed-Mode Chromatography Resin 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 Mixed-Mode Chromatography Resin 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 Mixed-Mode Chromatography Resin.

Chapter 14 and 15, to describe Mixed-Mode Chromatography Resin sales channel, distributors, customers, research findings and conclusion.

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