

Chromatography Resins Market Report by Product (Natural Resin, Synthetic Resin), Technique (Ion Exchange, Affinity, Hydrophobic Interaction, Size Exclusion, and Others), End Use (Pharmaceuticals, Water and Environmental Agencies, Food and Beverages, and Others), and Region 2024-2032

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Abstracts

The global chromatography resins market size reached US\$ 2.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 3.9 Billion by 2032, exhibiting a growth rate (CAGR) of 5.7% during 2024-2032.

Chromatography resins provide support to polysaccharide beads that are packed into a column. They are available with different purification efficiency, flow resistance and binding capacity. Some of the commonly utilized chromatography techniques include affinity, hydrophobic, ion exchange and size exclusion. Presently, several manufacturers are introducing multi-performance variants to expand their product portfolio and attract consumers from different industry verticals. They are also coming up with chromatography resins with high-capacity, salt-tolerant, high-resolution anion exchanger that enable unique selectivity, better separation, increased product yields and reduced downstream purification costs.

Over the years, there has been a considerable rise in the application of chromatography in downstream processing and separation of biological macromolecules produced from albumin, blood plasma, monoclonal antibodies and recombinant deoxyribonucleic acid (DNA) products like interferons, insulin, vaccines, growth hormones and tissue plasminogen activator. This represents one of the major factors propelling the market growth. Furthermore, the emerging need for an effective and efficient treatment for

containing the mass spread of the coronavirus disease (COVID-19) is positively influencing the demand for chromatography resins across the globe for testing and diagnostics of vaccines. Apart from this, the increasing prevalence of chronic and lifestyle diseases, such as cancer, tuberculosis and autoimmune disorders, is escalating drug discovery adoption, which, in turn, is contributing to the market growth. Moreover, with the introduction of organic resins, the usage of chromatography resins is anticipated to expand in the pharmaceutical, petrochemical, water treatment and food and beverages (F&B) industries worldwide.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global chromatography resins market report, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on product, technique and end use.

Breakup by Product:

Natural Resin

Synthetic Resin

Breakup by Technique:

Ion Exchange

Affinity

Hydrophobic Interaction

Size Exclusion

Others

Breakup by End Use:

Pharmaceuticals

Water and Environmental Agencies

Food and Beverages

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Agilent Technologies Inc., Bio - Rad Laboratories Inc., Merck KGaA, Mitsubishi Chemical Corporation, Perkinelmer Inc., Purolite Corporation, Repligen Corporation, Sepragen Corporation, Thermo Fisher Scientific Inc., Tosoh Corporation and W. R. Grace & Co.

Key Questions Answered in This Report

1. What was the size of the global chromatography resins market in 2023?
2. What is the expected growth rate of the global chromatography resins market during 2024-2032?
3. What has been the impact of COVID-19 on the global chromatography resins market?
4. What are the key factors driving the global chromatography resins market?

5. What is the breakup of the global chromatography resins market based on the product?
6. What is the breakup of the global chromatography resins market based on the technique?
7. What is the breakup of the global chromatography resins market based on the end use?
8. What are the key regions in the global chromatography resins market?
9. Who are the key players/companies in the global chromatography resins market?

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