

North America Chromatography Resins Market Report and Forecast 2025-2034

Market Report | 2025-06-05 | 140 pages | EMR Inc.

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Report description:

The North America chromatography resins market size was valued at USD 870.41 Million in 2024. The market is further projected to grow at a CAGR of 6.80% between 2025 and 2034, reaching a value of USD 1680.49 Million by 2034.

According to the North America chromatography resins market analysis, chromatography resins are a crucial tool in research and development to provide scientists with fast and dependable results. Prominent players in the market include Agilent Technologies, Inc., Merck KGaA, Avantor Inc., and Bio-Rad Laboratories, Inc. Ion exchange (IEX) chromatography resins are commonly used purification methods to separate a target molecule from other impurities depending on the net surface charge. These resins offer efficient purification solutions for vaccines, plasmid DNA, and plasma, among other modalities.

Chromatography resins are crucial in laboratories in the healthcare sector. These resins are deployed in several medical devices for treatment and diagnostic applications to assist patients in managing ailments, like liver and kidney failure, metabolic deficiencies, dementia, cystic fibrosis, diabetes, and immunodeficiencies. Over 100 million people in the United States suffer from some form of liver disease. If left untreated, liver disease can lead to liver failure, which consequently aids the demand for chromatography resins.

As per the North America chromatography resins market report, manufacturers of chromatography resins are investing in expanding their footprint to expand their manufacturing capacity. For instance, in July 2022, Cytiva, a life science company acquired a chromatography resins factory in Muskegon, Michigan. This is Cytiva's first investment in a new capacity outside its manufacturing base in Sweden. The company aims at transforming the site into a biomanufacturing center for chromatography resins. The manufacturing facility is scheduled to start in 2026.

Market Segmentation

North America Chromatography Resins Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments.

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Market Breakup by Origin

- Natural_x000D_x000D_Agarose_x000D_Dextran_x000D_x000D_
- Natural_x000D_x000D_Agarose_x000D_Dextran_x000D_x000D_
- Synthetic_x000D_x000D_Silica Gel_x000D_Aluminum Oxide_x000D_Polystyrene_x000D_Others_x000D_x000D_
- Synthetic_x000D_x000D_Silica Gel_x000D_Aluminum Oxide_x000D_Polystyrene_x000D_Others_x000D_x000D_
- Natural_x000D_x000D_Agarose_x000D_Dextran_x000D_x000D_
- Synthetic_x000D_x000D_Silica Gel_x000D_Aluminum Oxide_x000D_Polystyrene_x000D_Others_x000D_x000D_

Market Breakup by Technology

- Ion Exchange Chromatography Resins
- Affinity Chromatography Resins
- Size Exclusion Chromatography Resins
- Hydrophobic Interaction Chromatography Resins
- Others

Market Breakup by End User

- Pharmaceuticals and Biotechnology_x000D_x000D_Production_x000D_Academics and Research_x000D_x000D_
- Pharmaceuticals and Biotechnology_x000D_x000D_Production_x000D_Academics and Research_x000D_x000D_
- Water and Environmental Agencies
- Food and Beverages
- Others
- Water and Environmental Agencies
- Food and Beverages
- Others

Market Breakup by Country

- United States of America
- Canada

Competitive Landscape

The key players in the chromatography resin market in North America are continuously researching and focusing on improving the efficiency and stability of chromatography resin.

- Agilent Technologies, Inc.
- Merck KGaA
- Mitsubishi Chemical Group Corporation

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- Avantor Inc.
- Bio-Rad Laboratories, Inc.
- DuPont de Nemours Inc.
- Purolite Corporation
- Global Life Sciences Solutions USA LLC
- JSR Life Sciences, LLC
- Sepax Technologies, Inc.
- Others

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