

Global Cation and Anion Ion Exchange Chromatography Packing Material Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Cation and Anion Ion Exchange Chromatography Packing Material market size is expected to reach \$ 1014 million by 2032, rising at a market growth of 5.5% CAGR during the forecast period (2026-2032).

In 2025, global sales of Cation and Anion Ion Exchange Chromatography Packing Material reached approximately 350,000 liters, with an average market price of about USD 2,000 per liter, an annual production capacity of roughly 390,000 liters, and an industry-average gross margin of approximately 25%.

Cation and Anion Ion Exchange Chromatography Packing Material refers to functional chromatography media or resins used in ion-exchange separation and purification. These materials are typically built on porous polymer, agarose, dextran, or synthetic matrices with positively or negatively charged ligands immobilized on the surface, enabling adsorption, elution, and separation according to the net charge of target molecules. They can be divided into anion-exchange and cation-exchange media, and further into strong and weak ion exchangers. They are widely used for the capture and polishing of proteins, antibodies, nucleic acids, vaccine intermediates, and other charged biomolecules, making them one of the most fundamental media types in downstream bioprocessing.

Upstream of this industry are matrix materials such as agarose, dextran, methacrylate, and styrenic polymers, along with ligands/functional groups, crosslinkers, activation reagents, buffer salts, solvents, and chromatography column hardware. The midstream consists of ion-exchange media manufacturers that carry out matrix synthesis, surface activation, ligand coupling, particle-size control, column compatibility design, and quality

validation. Downstream demand mainly comes from biopharmaceutical companies, CDMOs, vaccine manufacturers, blood-product producers, research institutes, and analytical laboratories, with major use cases in the capture, impurity removal, and polishing of monoclonal antibodies, recombinant proteins, nucleic-acid therapeutics, and vaccines.

This report studies the global Cation and Anion Ion Exchange Chromatography Packing Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cation and Anion Ion Exchange Chromatography Packing Material and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Cation and Anion Ion Exchange Chromatography Packing Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Cation and Anion Ion Exchange Chromatography Packing Material total production and demand, 2021-2032, (L)

Global Cation and Anion Ion Exchange Chromatography Packing Material total production value, 2021-2032, (USD Million)

Global Cation and Anion Ion Exchange Chromatography Packing Material production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (L), (based on production site)

Global Cation and Anion Ion Exchange Chromatography Packing Material consumption by region & country, CAGR, 2021-2032 & (L)

U.S. VS China: Cation and Anion Ion Exchange Chromatography Packing Material domestic production, consumption, key domestic manufacturers and share

Global Cation and Anion Ion Exchange Chromatography Packing Material production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (L)

Global Cation and Anion Ion Exchange Chromatography Packing Material production by Type, production, value, CAGR, 2021-2032, (USD Million) & (L)

Global Cation and Anion Ion Exchange Chromatography Packing Material production by Application, production, value, CAGR, 2021-2032, (USD Million) & (L)

This report profiles key players in the global Cation and Anion Ion Exchange Chromatography Packing Material market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study

include Cytiva, Bio-Rad Laboratories, Merck, Tosoh Bioscience, Sartorius Stedim Biotech, Repligen Corporation, JNC Corporation, Yeasen, Thermo Fisher Scientific, Purolite Life Sciences, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Cation and Anion Ion Exchange Chromatography Packing Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (L) and average price (US\$/L) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Cation and Anion Ion Exchange Chromatography Packing Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Cation and Anion Ion Exchange Chromatography Packing Material Market,
Segmentation by Type:

Anion

Cation

Global Cation and Anion Ion Exchange Chromatography Packing Material Market,
Segmentation by Strength:

Strong Ion Exchangers

Weak Ion Exchangers

Global Cation and Anion Ion Exchange Chromatography Packing Material Market,
Segmentation by Application:

Biopharmaceutical

Research and University Laboratories

Other

Companies Profiled:

Cytiva

Bio-Rad Laboratories

Merck

Tosoh Bioscience

Sartorius Stedim Biotech

Repligen Corporation

JNC Corporation

Yeasen

Thermo Fisher Scientific

Purolite Life Sciences

Avantor

Bio-Works Technologies AB

Bestchrom

Smart-Lifesciences

NanoMicro Technology

Sepax

Sunresin

Key Questions Answered:

1. How big is the global Cation and Anion Ion Exchange Chromatography Packing Material market?
2. What is the demand of the global Cation and Anion Ion Exchange Chromatography Packing Material market?
3. What is the year over year growth of the global Cation and Anion Ion Exchange Chromatography Packing Material market?
4. What is the production and production value of the global Cation and Anion Ion Exchange Chromatography Packing Material market?
5. Who are the key producers in the global Cation and Anion Ion Exchange Chromatography Packing Material market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

1.1 Cation and Anion Ion Exchange Chromatography Packing Material Introduction

1.2 World Cation and Anion Ion Exchange Chromatography Packing Material Supply & Forecast

1.2.1 World Cation and Anion Ion Exchange Chromatography Packing Material Production Value (2021 & 2025 & 2032)

1.2.2 World Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032)

1.2.3 World Cation and Anion Ion Exchange Chromatography Packing Material Pricing Trends (2021-2032)

1.3 World Cation and Anion Ion Exchange Chromatography Packing Material Production by Region (Based on Production Site)

1.3.1 World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Region (2021-2032)

1.3.2 World Cation and Anion Ion Exchange Chromatography Packing Material Production by Region (2021-2032)

1.3.3 World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Region (2021-2032)

1.3.4 North America Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032)

1.3.5 Europe Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032)

1.3.6 China Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032)

1.3.7 Japan Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032)

1.3.8 India Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032)

1.3.9 Southeast Asia Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032)

1.4 Market Drivers, Restraints and Trends

1.4.1 Cation and Anion Ion Exchange Chromatography Packing Material Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Cation and Anion Ion Exchange Chromatography Packing Material Major Market Trends

2 DEMAND SUMMARY

2.1 World Cation and Anion Ion Exchange Chromatography Packing Material Demand (2021-2032)

2.2 World Cation and Anion Ion Exchange Chromatography Packing Material Consumption by Region

2.2.1 World Cation and Anion Ion Exchange Chromatography Packing Material Consumption by Region (2021-2026)

2.2.2 World Cation and Anion Ion Exchange Chromatography Packing Material Consumption Forecast by Region (2027-2032)

2.3 United States Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032)

2.4 China Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032)

2.5 Europe Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032)

2.6 Japan Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032)

2.7 South Korea Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032)

2.8 ASEAN Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032)

2.9 India Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Manufacturer (2021-2026)

3.2 World Cation and Anion Ion Exchange Chromatography Packing Material Production by Manufacturer (2021-2026)

3.3 World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Manufacturer (2021-2026)

3.4 Cation and Anion Ion Exchange Chromatography Packing Material Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Cation and Anion Ion Exchange Chromatography Packing Material Industry Rank of Major Manufacturers

- 3.5.2 Global Concentration Ratios (CR4) for Cation and Anion Ion Exchange Chromatography Packing Material in 2025
- 3.5.3 Global Concentration Ratios (CR8) for Cation and Anion Ion Exchange Chromatography Packing Material in 2025
- 3.6 Cation and Anion Ion Exchange Chromatography Packing Material Market: Overall Company Footprint Analysis
 - 3.6.1 Cation and Anion Ion Exchange Chromatography Packing Material Market: Region Footprint
 - 3.6.2 Cation and Anion Ion Exchange Chromatography Packing Material Market: Company Product Type Footprint
 - 3.6.3 Cation and Anion Ion Exchange Chromatography Packing Material Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Value Comparison
 - 4.1.1 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Comparison
 - 4.2.1 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Consumption Comparison
 - 4.3.1 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value (2021-2026)

4.4.3 United States Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2026)

4.5 China Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers and Market Share

4.5.1 China Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value (2021-2026)

4.5.3 China Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2026)

4.6 Rest of World Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Cation and Anion Ion Exchange Chromatography Packing Material Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Anion

5.2.2 Cation

5.3 Market Segment by Type

5.3.1 World Cation and Anion Ion Exchange Chromatography Packing Material Production by Type (2021-2032)

5.3.2 World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Type (2021-2032)

5.3.3 World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY STRENGTH

6.1 World Cation and Anion Ion Exchange Chromatography Packing Material Market Size Overview by Strength: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Strength

6.2.1 Strong Ion Exchangers

6.2.2 Weak Ion Exchangers

6.3 Market Segment by Strength

6.3.1 World Cation and Anion Ion Exchange Chromatography Packing Material Production by Strength (2021-2032)

6.3.2 World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Strength (2021-2032)

6.3.3 World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Strength (2021-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World Cation and Anion Ion Exchange Chromatography Packing Material Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Biopharmaceutical

7.2.2 Research and University Laboratories

7.2.3 Other

7.3 Market Segment by Application

7.3.1 World Cation and Anion Ion Exchange Chromatography Packing Material Production by Application (2021-2032)

7.3.2 World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Application (2021-2032)

7.3.3 World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Application (2021-2032)

8 COMPANY PROFILES

8.1 Cytiva

8.1.1 Cytiva Details

8.1.2 Cytiva Major Business

8.1.3 Cytiva Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

8.1.4 Cytiva Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.1.5 Cytiva Recent Developments/Updates

8.1.6 Cytiva Competitive Strengths & Weaknesses

8.2 Bio-Rad Laboratories

8.2.1 Bio-Rad Laboratories Details

8.2.2 Bio-Rad Laboratories Major Business

8.2.3 Bio-Rad Laboratories Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

8.2.4 Bio-Rad Laboratories Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.2.5 Bio-Rad Laboratories Recent Developments/Updates

8.2.6 Bio-Rad Laboratories Competitive Strengths & Weaknesses

8.3 Merck

8.3.1 Merck Details

8.3.2 Merck Major Business

8.3.3 Merck Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

8.3.4 Merck Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.3.5 Merck Recent Developments/Updates

8.3.6 Merck Competitive Strengths & Weaknesses

8.4 Tosoh Bioscience

8.4.1 Tosoh Bioscience Details

8.4.2 Tosoh Bioscience Major Business

8.4.3 Tosoh Bioscience Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

8.4.4 Tosoh Bioscience Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.4.5 Tosoh Bioscience Recent Developments/Updates

8.4.6 Tosoh Bioscience Competitive Strengths & Weaknesses

8.5 Sartorius Stedim Biotech

8.5.1 Sartorius Stedim Biotech Details

8.5.2 Sartorius Stedim Biotech Major Business

8.5.3 Sartorius Stedim Biotech Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

8.5.4 Sartorius Stedim Biotech Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.5.5 Sartorius Stedim Biotech Recent Developments/Updates

- 8.5.6 Sartorius Stedim Biotech Competitive Strengths & Weaknesses
- 8.6 Repligen Corporation
 - 8.6.1 Repligen Corporation Details
 - 8.6.2 Repligen Corporation Major Business
 - 8.6.3 Repligen Corporation Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.6.4 Repligen Corporation Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.6.5 Repligen Corporation Recent Developments/Updates
 - 8.6.6 Repligen Corporation Competitive Strengths & Weaknesses
- 8.7 JNC Corporation
 - 8.7.1 JNC Corporation Details
 - 8.7.2 JNC Corporation Major Business
 - 8.7.3 JNC Corporation Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.7.4 JNC Corporation Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.7.5 JNC Corporation Recent Developments/Updates
 - 8.7.6 JNC Corporation Competitive Strengths & Weaknesses
- 8.8 Yeasen
 - 8.8.1 Yeasen Details
 - 8.8.2 Yeasen Major Business
 - 8.8.3 Yeasen Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.8.4 Yeasen Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.8.5 Yeasen Recent Developments/Updates
 - 8.8.6 Yeasen Competitive Strengths & Weaknesses
- 8.9 Thermo Fisher Scientific
 - 8.9.1 Thermo Fisher Scientific Details
 - 8.9.2 Thermo Fisher Scientific Major Business
 - 8.9.3 Thermo Fisher Scientific Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.9.4 Thermo Fisher Scientific Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.9.5 Thermo Fisher Scientific Recent Developments/Updates
 - 8.9.6 Thermo Fisher Scientific Competitive Strengths & Weaknesses
- 8.10 Purolite Life Sciences
 - 8.10.1 Purolite Life Sciences Details

- 8.10.2 Purolite Life Sciences Major Business
- 8.10.3 Purolite Life Sciences Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
- 8.10.4 Purolite Life Sciences Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.10.5 Purolite Life Sciences Recent Developments/Updates
- 8.10.6 Purolite Life Sciences Competitive Strengths & Weaknesses
- 8.11 Avantor
 - 8.11.1 Avantor Details
 - 8.11.2 Avantor Major Business
 - 8.11.3 Avantor Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.11.4 Avantor Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.11.5 Avantor Recent Developments/Updates
 - 8.11.6 Avantor Competitive Strengths & Weaknesses
- 8.12 Bio-Works Technologies AB
 - 8.12.1 Bio-Works Technologies AB Details
 - 8.12.2 Bio-Works Technologies AB Major Business
 - 8.12.3 Bio-Works Technologies AB Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.12.4 Bio-Works Technologies AB Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.12.5 Bio-Works Technologies AB Recent Developments/Updates
 - 8.12.6 Bio-Works Technologies AB Competitive Strengths & Weaknesses
- 8.13 Bestchrom
 - 8.13.1 Bestchrom Details
 - 8.13.2 Bestchrom Major Business
 - 8.13.3 Bestchrom Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.13.4 Bestchrom Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.13.5 Bestchrom Recent Developments/Updates
 - 8.13.6 Bestchrom Competitive Strengths & Weaknesses
- 8.14 Smart-Lifesciences
 - 8.14.1 Smart-Lifesciences Details
 - 8.14.2 Smart-Lifesciences Major Business
 - 8.14.3 Smart-Lifesciences Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

- 8.14.4 Smart-Lifesciences Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.14.5 Smart-Lifesciences Recent Developments/Updates
- 8.14.6 Smart-Lifesciences Competitive Strengths & Weaknesses
- 8.15 NanoMicro Technology
 - 8.15.1 NanoMicro Technology Details
 - 8.15.2 NanoMicro Technology Major Business
 - 8.15.3 NanoMicro Technology Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.15.4 NanoMicro Technology Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.15.5 NanoMicro Technology Recent Developments/Updates
 - 8.15.6 NanoMicro Technology Competitive Strengths & Weaknesses
- 8.16 Sepax
 - 8.16.1 Sepax Details
 - 8.16.2 Sepax Major Business
 - 8.16.3 Sepax Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.16.4 Sepax Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.16.5 Sepax Recent Developments/Updates
 - 8.16.6 Sepax Competitive Strengths & Weaknesses
- 8.17 Sunresin
 - 8.17.1 Sunresin Details
 - 8.17.2 Sunresin Major Business
 - 8.17.3 Sunresin Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
 - 8.17.4 Sunresin Cation and Anion Ion Exchange Chromatography Packing Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.17.5 Sunresin Recent Developments/Updates
 - 8.17.6 Sunresin Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

- 9.1 Cation and Anion Ion Exchange Chromatography Packing Material Industry Chain
- 9.2 Cation and Anion Ion Exchange Chromatography Packing Material Upstream Analysis
 - 9.2.1 Cation and Anion Ion Exchange Chromatography Packing Material Core Raw Materials

9.2.2 Main Manufacturers of Cation and Anion Ion Exchange Chromatography Packing Material Core Raw Materials

9.3 Midstream Analysis

9.4 Downstream Analysis

9.5 Cation and Anion Ion Exchange Chromatography Packing Material Production Mode

9.6 Cation and Anion Ion Exchange Chromatography Packing Material Procurement Model

9.7 Cation and Anion Ion Exchange Chromatography Packing Material Industry Sales Model and Sales Channels

9.7.1 Cation and Anion Ion Exchange Chromatography Packing Material Sales Model

9.7.2 Cation and Anion Ion Exchange Chromatography Packing Material Typical Distributors

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Region (2021-2026) & (USD Million)

Table 3. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Region (2027-2032) & (USD Million)

Table 4. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Region (2021-2026)

Table 5. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Region (2027-2032)

Table 6. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Region (2021-2026) & (L)

Table 7. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Region (2027-2032) & (L)

Table 8. World Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share by Region (2021-2026)

Table 9. World Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share by Region (2027-2032)

Table 10. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Region (2021-2026) & (US\$/L)

Table 11. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Region (2027-2032) & (US\$/L)

Table 12. Cation and Anion Ion Exchange Chromatography Packing Material Major Market Trends

Table 13. World Cation and Anion Ion Exchange Chromatography Packing Material Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (L)

Table 14. World Cation and Anion Ion Exchange Chromatography Packing Material Consumption by Region (2021-2026) & (L)

Table 15. World Cation and Anion Ion Exchange Chromatography Packing Material Consumption Forecast by Region (2027-2032) & (L)

Table 16. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Cation and Anion Ion Exchange Chromatography Packing Material Producers in 2025

Table 18. World Cation and Anion Ion Exchange Chromatography Packing Material

Production by Manufacturer (2021-2026) & (L)

Table 19. Production Market Share of Key Cation and Anion Ion Exchange Chromatography Packing Material Producers in 2025

Table 20. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Manufacturer (2021-2026) & (US\$/L)

Table 21. Global Cation and Anion Ion Exchange Chromatography Packing Material Company Evaluation Quadrant

Table 22. World Cation and Anion Ion Exchange Chromatography Packing Material Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Cation and Anion Ion Exchange Chromatography Packing Material Production Site of Key Manufacturer

Table 24. Cation and Anion Ion Exchange Chromatography Packing Material Market: Company Product Type Footprint

Table 25. Cation and Anion Ion Exchange Chromatography Packing Material Market: Company Product Application Footprint

Table 26. Cation and Anion Ion Exchange Chromatography Packing Material Competitive Factors

Table 27. Cation and Anion Ion Exchange Chromatography Packing Material New Entrant and Capacity Expansion Plans

Table 28. Cation and Anion Ion Exchange Chromatography Packing Material Mergers & Acquisitions Activity

Table 29. United States VS China Cation and Anion Ion Exchange Chromatography Packing Material Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Cation and Anion Ion Exchange Chromatography Packing Material Production Comparison, (2021 & 2025 & 2032) & (L)

Table 31. United States VS China Cation and Anion Ion Exchange Chromatography Packing Material Consumption Comparison, (2021 & 2025 & 2032) & (L)

Table 32. United States Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2026) & (L)

Table 36. United States Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share (2021-2026)

Table 37. China Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production, (2021-2026) & (L)

Table 41. China Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share (2021-2026)

Table 42. Rest of World Based Cation and Anion Ion Exchange Chromatography Packing Material Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production, (2021-2026) & (L)

Table 46. Rest of World Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share (2021-2026)

Table 47. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Type (2021-2026) & (L)

Table 49. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Type (2027-2032) & (L)

Table 50. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Type (2021-2026) & (USD Million)

Table 51. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Type (2027-2032) & (USD Million)

Table 52. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Type (2021-2026) & (US\$/L)

Table 53. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Type (2027-2032) & (US\$/L)

Table 54. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Strength, (USD Million), 2021 & 2025 & 2032

Table 55. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Strength (2021-2026) & (L)

Table 56. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Strength (2027-2032) & (L)

Table 57. World Cation and Anion Ion Exchange Chromatography Packing Material

Production Value by Strength (2021-2026) & (USD Million)

Table 58. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Strength (2027-2032) & (USD Million)

Table 59. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Strength (2021-2026) & (US\$/L)

Table 60. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Strength (2027-2032) & (US\$/L)

Table 61. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 62. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Application (2021-2026) & (L)

Table 63. World Cation and Anion Ion Exchange Chromatography Packing Material Production by Application (2027-2032) & (L)

Table 64. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Application (2021-2026) & (USD Million)

Table 65. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Application (2027-2032) & (USD Million)

Table 66. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Application (2021-2026) & (US\$/L)

Table 67. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Application (2027-2032) & (US\$/L)

Table 68. Cytiva Basic Information, Manufacturing Base and Competitors

Table 69. Cytiva Major Business

Table 70. Cytiva Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 71. Cytiva Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. Cytiva Recent Developments/Updates

Table 73. Cytiva Competitive Strengths & Weaknesses

Table 74. Bio-Rad Laboratories Basic Information, Manufacturing Base and Competitors

Table 75. Bio-Rad Laboratories Major Business

Table 76. Bio-Rad Laboratories Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 77. Bio-Rad Laboratories Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Bio-Rad Laboratories Recent Developments/Updates

Table 79. Bio-Rad Laboratories Competitive Strengths & Weaknesses

- Table 80. Merck Basic Information, Manufacturing Base and Competitors
- Table 81. Merck Major Business
- Table 82. Merck Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
- Table 83. Merck Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 84. Merck Recent Developments/Updates
- Table 85. Merck Competitive Strengths & Weaknesses
- Table 86. Tosoh Bioscience Basic Information, Manufacturing Base and Competitors
- Table 87. Tosoh Bioscience Major Business
- Table 88. Tosoh Bioscience Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
- Table 89. Tosoh Bioscience Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 90. Tosoh Bioscience Recent Developments/Updates
- Table 91. Tosoh Bioscience Competitive Strengths & Weaknesses
- Table 92. Sartorius Stedim Biotech Basic Information, Manufacturing Base and Competitors
- Table 93. Sartorius Stedim Biotech Major Business
- Table 94. Sartorius Stedim Biotech Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
- Table 95. Sartorius Stedim Biotech Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 96. Sartorius Stedim Biotech Recent Developments/Updates
- Table 97. Sartorius Stedim Biotech Competitive Strengths & Weaknesses
- Table 98. Repligen Corporation Basic Information, Manufacturing Base and Competitors
- Table 99. Repligen Corporation Major Business
- Table 100. Repligen Corporation Cation and Anion Ion Exchange Chromatography Packing Material Product and Services
- Table 101. Repligen Corporation Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 102. Repligen Corporation Recent Developments/Updates
- Table 103. Repligen Corporation Competitive Strengths & Weaknesses
- Table 104. JNC Corporation Basic Information, Manufacturing Base and Competitors
- Table 105. JNC Corporation Major Business

Table 106. JNC Corporation Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 107. JNC Corporation Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. JNC Corporation Recent Developments/Updates

Table 109. JNC Corporation Competitive Strengths & Weaknesses

Table 110. Yeasen Basic Information, Manufacturing Base and Competitors

Table 111. Yeasen Major Business

Table 112. Yeasen Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 113. Yeasen Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 114. Yeasen Recent Developments/Updates

Table 115. Yeasen Competitive Strengths & Weaknesses

Table 116. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors

Table 117. Thermo Fisher Scientific Major Business

Table 118. Thermo Fisher Scientific Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 119. Thermo Fisher Scientific Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 120. Thermo Fisher Scientific Recent Developments/Updates

Table 121. Thermo Fisher Scientific Competitive Strengths & Weaknesses

Table 122. Purolite Life Sciences Basic Information, Manufacturing Base and Competitors

Table 123. Purolite Life Sciences Major Business

Table 124. Purolite Life Sciences Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 125. Purolite Life Sciences Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 126. Purolite Life Sciences Recent Developments/Updates

Table 127. Purolite Life Sciences Competitive Strengths & Weaknesses

Table 128. Avantor Basic Information, Manufacturing Base and Competitors

Table 129. Avantor Major Business

Table 130. Avantor Cation and Anion Ion Exchange Chromatography Packing Material

Product and Services

Table 131. Avantor Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 132. Avantor Recent Developments/Updates

Table 133. Avantor Competitive Strengths & Weaknesses

Table 134. Bio-Works Technologies AB Basic Information, Manufacturing Base and Competitors

Table 135. Bio-Works Technologies AB Major Business

Table 136. Bio-Works Technologies AB Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 137. Bio-Works Technologies AB Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 138. Bio-Works Technologies AB Recent Developments/Updates

Table 139. Bio-Works Technologies AB Competitive Strengths & Weaknesses

Table 140. Bestchrom Basic Information, Manufacturing Base and Competitors

Table 141. Bestchrom Major Business

Table 142. Bestchrom Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 143. Bestchrom Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 144. Bestchrom Recent Developments/Updates

Table 145. Bestchrom Competitive Strengths & Weaknesses

Table 146. Smart-Lifesciences Basic Information, Manufacturing Base and Competitors

Table 147. Smart-Lifesciences Major Business

Table 148. Smart-Lifesciences Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 149. Smart-Lifesciences Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 150. Smart-Lifesciences Recent Developments/Updates

Table 151. Smart-Lifesciences Competitive Strengths & Weaknesses

Table 152. NanoMicro Technology Basic Information, Manufacturing Base and Competitors

Table 153. NanoMicro Technology Major Business

Table 154. NanoMicro Technology Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 155. NanoMicro Technology Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 156. NanoMicro Technology Recent Developments/Updates

Table 157. NanoMicro Technology Competitive Strengths & Weaknesses

Table 158. Sepax Basic Information, Manufacturing Base and Competitors

Table 159. Sepax Major Business

Table 160. Sepax Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 161. Sepax Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 162. Sepax Recent Developments/Updates

Table 163. Sepax Competitive Strengths & Weaknesses

Table 164. Sunresin Basic Information, Manufacturing Base and Competitors

Table 165. Sunresin Major Business

Table 166. Sunresin Cation and Anion Ion Exchange Chromatography Packing Material Product and Services

Table 167. Sunresin Cation and Anion Ion Exchange Chromatography Packing Material Production (L), Price (US\$/L), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 168. Sunresin Recent Developments/Updates

Table 169. Sunresin Competitive Strengths & Weaknesses

Table 170. Global Key Players of Cation and Anion Ion Exchange Chromatography Packing Material Upstream (Raw Materials)

Table 171. Global Cation and Anion Ion Exchange Chromatography Packing Material Typical Customers

Table 172. Cation and Anion Ion Exchange Chromatography Packing Material Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Cation and Anion Ion Exchange Chromatography Packing Material Picture

Figure 2. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032) & (L)

Figure 5. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price (2021-2032) & (US\$/L)

Figure 6. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Region (2021-2032)

Figure 7. World Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share by Region (2021-2032)

Figure 8. North America Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032) & (L)

Figure 9. Europe Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032) & (L)

Figure 10. China Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032) & (L)

Figure 11. Japan Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032) & (L)

Figure 12. India Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032) & (L)

Figure 13. Southeast Asia Cation and Anion Ion Exchange Chromatography Packing Material Production (2021-2032) & (L)

Figure 14. Cation and Anion Ion Exchange Chromatography Packing Material Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032) & (L)

Figure 17. World Cation and Anion Ion Exchange Chromatography Packing Material Consumption Market Share by Region (2021-2032)

Figure 18. United States Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032) & (L)

Figure 19. China Cation and Anion Ion Exchange Chromatography Packing Material

Consumption (2021-2032) & (L)

Figure 20. Europe Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032) & (L)

Figure 21. Japan Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032) & (L)

Figure 22. South Korea Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032) & (L)

Figure 23. ASEAN Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032) & (L)

Figure 24. India Cation and Anion Ion Exchange Chromatography Packing Material Consumption (2021-2032) & (L)

Figure 25. Producer Shipments of Cation and Anion Ion Exchange Chromatography Packing Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Cation and Anion Ion Exchange Chromatography Packing Material Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Cation and Anion Ion Exchange Chromatography Packing Material Markets in 2025

Figure 28. United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Cation and Anion Ion Exchange Chromatography Packing Material Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share 2025

Figure 32. China Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share 2025

Figure 34. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Type in 2025

Figure 36. Anion

Figure 37. Cation

Figure 38. World Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share by Type (2021-2032)

Figure 39. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Type (2021-2032)

Figure 40. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Type (2021-2032) & (US\$/L)

Figure 41. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Strength, (USD Million), 2021 & 2025 & 2032

Figure 42. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Strength in 2025

Figure 43. Strong Ion Exchangers

Figure 44. Weak Ion Exchangers

Figure 45. World Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share by Strength (2021-2032)

Figure 46. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Strength (2021-2032)

Figure 47. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Strength (2021-2032) & (US\$/L)

Figure 48. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 49. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Application in 2025

Figure 50. Biopharmaceutical

Figure 51. Research and University Laboratories

Figure 52. Other

Figure 53. World Cation and Anion Ion Exchange Chromatography Packing Material Production Market Share by Application (2021-2032)

Figure 54. World Cation and Anion Ion Exchange Chromatography Packing Material Production Value Market Share by Application (2021-2032)

Figure 55. World Cation and Anion Ion Exchange Chromatography Packing Material Average Price by Application (2021-2032) & (US\$/L)

Figure 56. Cation and Anion Ion Exchange Chromatography Packing Material Industry Chain

Figure 57. Cation and Anion Ion Exchange Chromatography Packing Material Procurement Model

Figure 58. Cation and Anion Ion Exchange Chromatography Packing Material Sales Model

Figure 59. Cation and Anion Ion Exchange Chromatography Packing Material Sales Channels, Direct Sales, and Distribution

Figure 60. Methodology

Figure 61. Research Process and Data Source

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