

Global Gel Filtration Column Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GDB5F169B4D7EN.html>

Date: February 2026

Pages: 140

Price: US\$ 3,480.00 (Single User License)

ID: GDB5F169B4D7EN

Abstracts

According to our (Global Info Research) latest study, the global Gel Filtration Column market size was valued at US\$ 319 million in 2025 and is forecast to a readjusted size of US\$ 452 million by 2032 with a CAGR of 5.1% during review period.

In 2025, the global annual production capacity of gel filtration columns reached 160,000 units, while actual output was approximately 114,815 units. The global average market price was about USD 2,700 per unit, with major manufacturers reporting gross profit margins ranging from 38% to 55%. Gel filtration columns, also known as size-exclusion chromatography columns, are specialized liquid chromatography columns used to separate biomolecules based on their size. They are widely used in protein purification, desalting, and buffer exchange in biopharmaceutical and research laboratories, offering high resolution and minimal denaturation of sensitive biomolecules.

Upstream includes high-purity gel filtration resins, stainless steel or polymer column housings, precision pumps, and tubing. Midstream consists of manufacturers producing gel filtration columns, integrating resins and hardware into standardized units, primarily located in the US, Germany, Japan, and China. Downstream applications include biopharmaceutical companies, research laboratories, and contract development and manufacturing organizations (CDMOs) for protein and antibody production. End users focus on separation efficiency, column durability, reproducibility, and compatibility with automated chromatography systems.

The gel filtration column market is driven by growing demand for protein purification and molecular size-based separation in biopharmaceutical production and research laboratories. Technological improvements, including high-resolution resins and

improved column stability, are enhancing separation performance. Increasing adoption of automated chromatography systems and integration with multi-step purification processes drives standardized column demand. Growth is supported by rising investment in biologics research, vaccines, and contract manufacturing. Manufacturers focus on high-purity materials, durability, and reproducibility, while balancing cost efficiency. Regulatory compliance and product quality are critical, as end users require reliable solutions for high-value biomolecule separation.

This report is a detailed and comprehensive analysis for global Gel Filtration Column market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Gel Filtration Column market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Gel Filtration Column market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Gel Filtration Column market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Gel Filtration Column market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Gel Filtration Column
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Gel Filtration Column market based on the

following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sartorius, Bio-Rad, Thermo Fisher Scientific, Cytiva, Biotage, Merck, Biotech, Tosoh Bioscience, Waters Corporation, Agilent Technologies, etc.

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

Market Segmentation

Gel Filtration Column market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Low Molecular Weight SEC Column

Medium Molecular Weight SEC Column

High Molecular Weight SEC Column

Market segment by Matrix Material

Agarose-Based Gel Filtration Column

Dextran-Based Gel Filtration Column

Polymer-Based SEC Column

Market segment by Application

Biopharmaceutical Companies

Laboratories

Others

Major players covered

Sartorius

Bio-Rad

Thermo Fisher Scientific

Cytiva

Biotage

Merck

Biotech

Tosoh Bioscience

Waters Corporation

Agilent Technologies

Phenomenex

Shimadzu

Hamilton

YMC Europe

Postnova Analytics

Repligen Corporation

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 Filtration Column product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gel Filtration Column, with price, sales quantity, revenue, and global market share of Gel Filtration Column from 2021 to 2026.

Chapter 3, the Gel Filtration Column competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gel Filtration Column breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Gel Filtration Column market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Filtration Column.

Chapter 14 and 15, to describe Gel Filtration Column sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Chemiluminescence Ammonia Analyzer Consumption Value by Type: 2021 Versus 2025 Versus 2032
 - 1.3.2 Single-Channel
 - 1.3.3 Multi-Channel
- 1.4 Market Analysis by Performance Level
 - 1.4.1 Overview: Global Chemiluminescence Ammonia Analyzer Consumption Value by Performance Level: 2021 Versus 2025 Versus 2032
 - 1.4.2 Ambient Air Quality Monitoring Grade
 - 1.4.3 Industrial Process & Emission Monitoring Grade
 - 1.4.4 Scientific Research & Flux Monitoring Grade
- 1.5 Market Analysis by Application
 - 1.5.1 Overview: Global Chemiluminescence Ammonia Analyzer Consumption Value by Application: 2021 Versus 2025 Versus 2032
 - 1.5.2 Environmental Monitoring Station
 - 1.5.3 Research Institution
 - 1.5.4 Industrial Park
 - 1.5.5 Other
- 1.6 Global Chemiluminescence Ammonia Analyzer Market Size & Forecast
 - 1.6.1 Global Chemiluminescence Ammonia Analyzer Consumption Value (2021 & 2025 & 2032)
 - 1.6.2 Global Chemiluminescence Ammonia Analyzer Sales Quantity (2021-2032)
 - 1.6.3 Global Chemiluminescence Ammonia Analyzer Average Price (2021-2032)

2 MANUFACTURERS PROFILES

- 2.1 Thermo Fisher Scientific Inc. (Listed, Massachusetts USA)
 - 2.1.1 Thermo Fisher Scientific Inc. (Listed, Massachusetts USA) Details
 - 2.1.2 Thermo Fisher Scientific Inc. (Listed, Massachusetts USA) Major Business
 - 2.1.3 Thermo Fisher Scientific Inc. (Listed, Massachusetts USA) Chemiluminescence Ammonia Analyzer Product and Services
 - 2.1.4 Thermo Fisher Scientific Inc. (Listed, Massachusetts USA) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market

Share (2021-2026)

2.1.5 Thermo Fisher Scientific Inc. (Listed, Massachusetts USA) Recent Developments/Updates

2.2 Teledyne API (Unlisted, California USA)

2.2.1 Teledyne API (Unlisted, California USA) Details

2.2.2 Teledyne API (Unlisted, California USA) Major Business

2.2.3 Teledyne API (Unlisted, California USA) Chemiluminescence Ammonia Analyzer Product and Services

2.2.4 Teledyne API (Unlisted, California USA) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Teledyne API (Unlisted, California USA) Recent Developments/Updates

2.3 Horiba, Ltd. (Listed, Kyoto Japan)

2.3.1 Horiba, Ltd. (Listed, Kyoto Japan) Details

2.3.2 Horiba, Ltd. (Listed, Kyoto Japan) Major Business

2.3.3 Horiba, Ltd. (Listed, Kyoto Japan) Chemiluminescence Ammonia Analyzer Product and Services

2.3.4 Horiba, Ltd. (Listed, Kyoto Japan) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Horiba, Ltd. (Listed, Kyoto Japan) Recent Developments/Updates

2.4 ABB Ltd. (Listed, Zurich Switzerland)

2.4.1 ABB Ltd. (Listed, Zurich Switzerland) Details

2.4.2 ABB Ltd. (Listed, Zurich Switzerland) Major Business

2.4.3 ABB Ltd. (Listed, Zurich Switzerland) Chemiluminescence Ammonia Analyzer Product and Services

2.4.4 ABB Ltd. (Listed, Zurich Switzerland) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 ABB Ltd. (Listed, Zurich Switzerland) Recent Developments/Updates

2.5 Honeywell International Inc. (Listed, North Carolina USA)

2.5.1 Honeywell International Inc. (Listed, North Carolina USA) Details

2.5.2 Honeywell International Inc. (Listed, North Carolina USA) Major Business

2.5.3 Honeywell International Inc. (Listed, North Carolina USA) Chemiluminescence Ammonia Analyzer Product and Services

2.5.4 Honeywell International Inc. (Listed, North Carolina USA) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Honeywell International Inc. (Listed, North Carolina USA) Recent Developments/Updates

2.6 Focused Photonics (Hangzhou) Inc. (Listed, Zhejiang China)

2.6.1 Focused Photonics (Hangzhou) Inc. (Listed, Zhejiang China) Details

- 2.6.2 Focused Photonics (Hangzhou) Inc. (Listed, Zhejiang China) Major Business
- 2.6.3 Focused Photonics (Hangzhou) Inc. (Listed, Zhejiang China)
Chemiluminescence Ammonia Analyzer Product and Services
- 2.6.4 Focused Photonics (Hangzhou) Inc. (Listed, Zhejiang China)
Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue,
Gross Margin and Market Share (2021-2026)
- 2.6.5 Focused Photonics (Hangzhou) Inc. (Listed, Zhejiang China) Recent
Developments/Updates
- 2.7 Beijing SDL Technology Co., Ltd. (Listed, Beijing China)
 - 2.7.1 Beijing SDL Technology Co., Ltd. (Listed, Beijing China) Details
 - 2.7.2 Beijing SDL Technology Co., Ltd. (Listed, Beijing China) Major Business
 - 2.7.3 Beijing SDL Technology Co., Ltd. (Listed, Beijing China) Chemiluminescence
Ammonia Analyzer Product and Services
 - 2.7.4 Beijing SDL Technology Co., Ltd. (Listed, Beijing China) Chemiluminescence
Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market
Share (2021-2026)
 - 2.7.5 Beijing SDL Technology Co., Ltd. (Listed, Beijing China) Recent
Developments/Updates
- 2.8 Acoem (Unlisted, Ecully France)
 - 2.8.1 Acoem (Unlisted, Ecully France) Details
 - 2.8.2 Acoem (Unlisted, Ecully France) Major Business
 - 2.8.3 Acoem (Unlisted, Ecully France) Chemiluminescence Ammonia Analyzer
Product and Services
 - 2.8.4 Acoem (Unlisted, Ecully France) Chemiluminescence Ammonia Analyzer Sales
Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.8.5 Acoem (Unlisted, Ecully France) Recent Developments/Updates
- 2.9 NEO Monitors AS (Listed, Oslo Norway)
 - 2.9.1 NEO Monitors AS (Listed, Oslo Norway) Details
 - 2.9.2 NEO Monitors AS (Listed, Oslo Norway) Major Business
 - 2.9.3 NEO Monitors AS (Listed, Oslo Norway) Chemiluminescence Ammonia Analyzer
Product and Services
 - 2.9.4 NEO Monitors AS (Listed, Oslo Norway) Chemiluminescence Ammonia Analyzer
Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.9.5 NEO Monitors AS (Listed, Oslo Norway) Recent Developments/Updates
- 2.10 Servomex Group Ltd. (Unlisted, East Sussex UK)
 - 2.10.1 Servomex Group Ltd. (Unlisted, East Sussex UK) Details
 - 2.10.2 Servomex Group Ltd. (Unlisted, East Sussex UK) Major Business
 - 2.10.3 Servomex Group Ltd. (Unlisted, East Sussex UK) Chemiluminescence
Ammonia Analyzer Product and Services

2.10.4 Servomex Group Ltd. (Unlisted, East Sussex UK) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Servomex Group Ltd. (Unlisted, East Sussex UK) Recent Developments/Updates

2.11 icarro, Inc. (Unlisted, California USA)

2.11.1 icarro, Inc. (Unlisted, California USA) Details

2.11.2 icarro, Inc. (Unlisted, California USA) Major Business

2.11.3 icarro, Inc. (Unlisted, California USA) Chemiluminescence Ammonia Analyzer Product and Services

2.11.4 icarro, Inc. (Unlisted, California USA) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 icarro, Inc. (Unlisted, California USA) Recent Developments/Updates

2.12 Lihe Technology (Hunan) Co., Ltd. (Listed, Hunan China)

2.12.1 Lihe Technology (Hunan) Co., Ltd. (Listed, Hunan China) Details

2.12.2 Lihe Technology (Hunan) Co., Ltd. (Listed, Hunan China) Major Business

2.12.3 Lihe Technology (Hunan) Co., Ltd. (Listed, Hunan China) Chemiluminescence Ammonia Analyzer Product and Services

2.12.4 Lihe Technology (Hunan) Co., Ltd. (Listed, Hunan China) Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Lihe Technology (Hunan) Co., Ltd. (Listed, Hunan China) Recent Developments/Updates

2.13 AELAB GUANGZHOU CO.,LTD. (Unlisted, Guangzhou China)

2.13.1 AELAB GUANGZHOU CO.,LTD. (Unlisted, Guangzhou China) Details

2.13.2 AELAB GUANGZHOU CO.,LTD. (Unlisted, Guangzhou China) Major Business

2.13.3 AELAB GUANGZHOU CO.,LTD. (Unlisted, Guangzhou China)

Chemiluminescence Ammonia Analyzer Product and Services

2.13.4 AELAB GUANGZHOU CO.,LTD. (Unlisted, Guangzhou China)

Chemiluminescence Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 AELAB GUANGZHOU CO.,LTD. (Unlisted, Guangzhou China) Recent Developments/Updates

2.14 California Analytical Instruments (Unlisted, California USA)

2.14.1 California Analytical Instruments (Unlisted, California USA) Details

2.14.2 California Analytical Instruments (Unlisted, California USA) Major Business

2.14.3 California Analytical Instruments (Unlisted, California USA) Chemiluminescence Ammonia Analyzer Product and Services

2.14.4 California Analytical Instruments (Unlisted, California USA) Chemiluminescence

Ammonia Analyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.14.5 California Analytical Instruments (Unlisted, California USA) Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: CHEMILUMINESCENCE AMMONIA ANALYZER BY MANUFACTURER

3.1 Global Chemiluminescence Ammonia Analyzer Sales Quantity by Manufacturer (2021-2026)

3.2 Global Chemiluminescence Ammonia Analyzer Revenue by Manufacturer (2021-2026)

3.3 Global Chemiluminescence Ammonia Analyzer Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Chemiluminescence Ammonia Analyzer by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Chemiluminescence Ammonia Analyzer Manufacturer Market Share in 2025

3.4.3 Top 6 Chemiluminescence Ammonia Analyzer Manufacturer Market Share in 2025

3.5 Chemiluminescence Ammonia Analyzer Market: Overall Company Footprint Analysis

3.5.1 Chemiluminescence Ammonia Analyzer Market: Region Footprint

3.5.2 Chemiluminescence Ammonia Analyzer Market: Company Product Type Footprint

3.5.3 Chemiluminescence Ammonia Analyzer Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Chemiluminescence Ammonia Analyzer Market Size by Region

4.1.1 Global Chemiluminescence Ammonia Analyzer Sales Quantity by Region (2021-2032)

4.1.2 Global Chemiluminescence Ammonia Analyzer Consumption Value by Region (2021-2032)

4.1.3 Global Chemiluminescence Ammonia Analyzer Average Price by Region

(2021-2032)

4.2 North America Chemiluminescence Ammonia Analyzer Consumption Value

(2021-2032)

4.3 Europe Chemiluminescence Ammonia Analyzer Consumption Value (2021-2032)

4.4 Asia-Pacific Chemiluminescence Ammonia Analyzer Consumption Value

(2021-2032)

4.5 South America Chemiluminescence Ammonia Analyzer Consumption Value

(2021-2032)

4.6 Middle East & Africa Chemiluminescence Ammonia Analyzer Consumption Value

(2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Chemiluminescence Ammonia Analyzer Sales Quantity by Type (2021-2032)

5.2 Global Chemiluminescence Ammonia Analyzer Consumption Value by Type

(2021-2032)

5.3 Global Chemiluminescence Ammonia Analyzer Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Chemiluminescence Ammonia Analyzer Sales Quantity by Application

(2021-2032)

6.2 Global Chemiluminescence Ammonia Analyzer Consumption Value by Application

(2021-2032)

6.3 Global Chemiluminescence Ammonia Analyzer Average Price by Application

(2021-2032)

7 NORTH AMERICA

7.1 North America Chemiluminescence Ammonia Analyzer Sales Quantity by Type

(2021-2032)

7.2 North America Chemiluminescence Ammonia Analyzer Sales Quantity by

Application (2021-2032)

7.3 North America Chemiluminescence Ammonia Analyzer Market Size by Country

7.3.1 North America Chemiluminescence Ammonia Analyzer Sales Quantity by

Country (2021-2032)

7.3.2 North America Chemiluminescence Ammonia Analyzer Consumption Value by

Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Chemiluminescence Ammonia Analyzer Sales Quantity by Type (2021-2032)

8.2 Europe Chemiluminescence Ammonia Analyzer Sales Quantity by Application (2021-2032)

8.3 Europe Chemiluminescence Ammonia Analyzer Market Size by Country

8.3.1 Europe Chemiluminescence Ammonia Analyzer Sales Quantity by Country (2021-2032)

8.3.2 Europe Chemiluminescence Ammonia Analyzer Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Chemiluminescence Ammonia Analyzer Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Chemiluminescence Ammonia Analyzer Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Chemiluminescence Ammonia Analyzer Market Size by Region

9.3.1 Asia-Pacific Chemiluminescence Ammonia Analyzer Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Chemiluminescence Ammonia Analyzer Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Chemiluminescence Ammonia Analyzer Sales Quantity by Type (2021-2032)

10.2 South America Chemiluminescence Ammonia Analyzer Sales Quantity by Application (2021-2032)

10.3 South America Chemiluminescence Ammonia Analyzer Market Size by Country

10.3.1 South America Chemiluminescence Ammonia Analyzer Sales Quantity by Country (2021-2032)

10.3.2 South America Chemiluminescence Ammonia Analyzer Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Chemiluminescence Ammonia Analyzer Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Chemiluminescence Ammonia Analyzer Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Chemiluminescence Ammonia Analyzer Market Size by Country

11.3.1 Middle East & Africa Chemiluminescence Ammonia Analyzer Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Chemiluminescence Ammonia Analyzer Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Chemiluminescence Ammonia Analyzer Market Drivers

12.2 Chemiluminescence Ammonia Analyzer Market Restraints

12.3 Chemiluminescence Ammonia Analyzer Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Chemiluminescence Ammonia Analyzer and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Chemiluminescence Ammonia Analyzer
- 13.3 Chemiluminescence Ammonia Analyzer Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Chemiluminescence Ammonia Analyzer Typical Distributors
- 14.3 Chemiluminescence Ammonia Analyzer Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Gel Filtration Column Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global Gel Filtration Column Consumption Value by Matrix Material, (USD Million), 2021 & 2025 & 2032
- Table 3. Global Gel Filtration Column Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 4. Sartorius Basic Information, Manufacturing Base and Competitors
- Table 5. Sartorius Major Business
- Table 6. Sartorius Gel Filtration Column Product and Services
- Table 7. Sartorius Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 8. Sartorius Recent Developments/Updates
- Table 9. Bio-Rad Basic Information, Manufacturing Base and Competitors
- Table 10. Bio-Rad Major Business
- Table 11. Bio-Rad Gel Filtration Column Product and Services
- Table 12. Bio-Rad Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 13. Bio-Rad Recent Developments/Updates
- Table 14. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors
- Table 15. Thermo Fisher Scientific Major Business
- Table 16. Thermo Fisher Scientific Gel Filtration Column Product and Services
- Table 17. Thermo Fisher Scientific Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 18. Thermo Fisher Scientific Recent Developments/Updates
- Table 19. Cytiva Basic Information, Manufacturing Base and Competitors
- Table 20. Cytiva Major Business
- Table 21. Cytiva Gel Filtration Column Product and Services
- Table 22. Cytiva Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 23. Cytiva Recent Developments/Updates
- Table 24. Biotage Basic Information, Manufacturing Base and Competitors
- Table 25. Biotage Major Business
- Table 26. Biotage Gel Filtration Column Product and Services

Table 27. Biotage Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Biotage Recent Developments/Updates

Table 29. Merck Basic Information, Manufacturing Base and Competitors

Table 30. Merck Major Business

Table 31. Merck Gel Filtration Column Product and Services

Table 32. Merck Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Merck Recent Developments/Updates

Table 34. Biotech Basic Information, Manufacturing Base and Competitors

Table 35. Biotech Major Business

Table 36. Biotech Gel Filtration Column Product and Services

Table 37. Biotech Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Biotech Recent Developments/Updates

Table 39. Tosoh Bioscience Basic Information, Manufacturing Base and Competitors

Table 40. Tosoh Bioscience Major Business

Table 41. Tosoh Bioscience Gel Filtration Column Product and Services

Table 42. Tosoh Bioscience Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Tosoh Bioscience Recent Developments/Updates

Table 44. Waters Corporation Basic Information, Manufacturing Base and Competitors

Table 45. Waters Corporation Major Business

Table 46. Waters Corporation Gel Filtration Column Product and Services

Table 47. Waters Corporation Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Waters Corporation Recent Developments/Updates

Table 49. Agilent Technologies Basic Information, Manufacturing Base and Competitors

Table 50. Agilent Technologies Major Business

Table 51. Agilent Technologies Gel Filtration Column Product and Services

Table 52. Agilent Technologies Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Agilent Technologies Recent Developments/Updates

Table 54. Phenomenex Basic Information, Manufacturing Base and Competitors

Table 55. Phenomenex Major Business

Table 56. Phenomenex Gel Filtration Column Product and Services

Table 57. Phenomenex Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Phenomenex Recent Developments/Updates

- Table 59. Shimadzu Basic Information, Manufacturing Base and Competitors
- Table 60. Shimadzu Major Business
- Table 61. Shimadzu Gel Filtration Column Product and Services
- Table 62. Shimadzu Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 63. Shimadzu Recent Developments/Updates
- Table 64. Hamilton Basic Information, Manufacturing Base and Competitors
- Table 65. Hamilton Major Business
- Table 66. Hamilton Gel Filtration Column Product and Services
- Table 67. Hamilton Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 68. Hamilton Recent Developments/Updates
- Table 69. YMC Europe Basic Information, Manufacturing Base and Competitors
- Table 70. YMC Europe Major Business
- Table 71. YMC Europe Gel Filtration Column Product and Services
- Table 72. YMC Europe Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 73. YMC Europe Recent Developments/Updates
- Table 74. Postnova Analytics Basic Information, Manufacturing Base and Competitors
- Table 75. Postnova Analytics Major Business
- Table 76. Postnova Analytics Gel Filtration Column Product and Services
- Table 77. Postnova Analytics Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 78. Postnova Analytics Recent Developments/Updates
- Table 79. Repligen Corporation Basic Information, Manufacturing Base and Competitors
- Table 80. Repligen Corporation Major Business
- Table 81. Repligen Corporation Gel Filtration Column Product and Services
- Table 82. Repligen Corporation Gel Filtration Column Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 83. Repligen Corporation Recent Developments/Updates
- Table 84. Global Gel Filtration Column Sales Quantity by Manufacturer (2021-2026) & (K Units)
- Table 85. Global Gel Filtration Column Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 86. Global Gel Filtration Column Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 87. Market Position of Manufacturers in Gel Filtration Column, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 88. Head Office and Gel Filtration Column Production Site of Key Manufacturer

- Table 89. Gel Filtration Column Market: Company Product Type Footprint
- Table 90. Gel Filtration Column Market: Company Product Application Footprint
- Table 91. Gel Filtration Column New Market Entrants and Barriers to Market Entry
- Table 92. Gel Filtration Column Mergers, Acquisition, Agreements, and Collaborations
- Table 93. Global Gel Filtration Column Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 94. Global Gel Filtration Column Sales Quantity by Region (2021-2026) & (K Units)
- Table 95. Global Gel Filtration Column Sales Quantity by Region (2027-2032) & (K Units)
- Table 96. Global Gel Filtration Column Consumption Value by Region (2021-2026) & (USD Million)
- Table 97. Global Gel Filtration Column Consumption Value by Region (2027-2032) & (USD Million)
- Table 98. Global Gel Filtration Column Average Price by Region (2021-2026) & (US\$/Unit)
- Table 99. Global Gel Filtration Column Average Price by Region (2027-2032) & (US\$/Unit)
- Table 100. Global Gel Filtration Column Sales Quantity by Type (2021-2026) & (K Units)
- Table 101. Global Gel Filtration Column Sales Quantity by Type (2027-2032) & (K Units)
- Table 102. Global Gel Filtration Column Consumption Value by Type (2021-2026) & (USD Million)
- Table 103. Global Gel Filtration Column Consumption Value by Type (2027-2032) & (USD Million)
- Table 104. Global Gel Filtration Column Average Price by Type (2021-2026) & (US\$/Unit)
- Table 105. Global Gel Filtration Column Average Price by Type (2027-2032) & (US\$/Unit)
- Table 106. Global Gel Filtration Column Sales Quantity by Application (2021-2026) & (K Units)
- Table 107. Global Gel Filtration Column Sales Quantity by Application (2027-2032) & (K Units)
- Table 108. Global Gel Filtration Column Consumption Value by Application (2021-2026) & (USD Million)
- Table 109. Global Gel Filtration Column Consumption Value by Application (2027-2032) & (USD Million)
- Table 110. Global Gel Filtration Column Average Price by Application (2021-2026) &

(US\$/Unit)

Table 111. Global Gel Filtration Column Average Price by Application (2027-2032) &

(US\$/Unit)

Table 112. North America Gel Filtration Column Sales Quantity by Type (2021-2026) &

(K Units)

Table 113. North America Gel Filtration Column Sales Quantity by Type (2027-2032) &

(K Units)

Table 114. North America Gel Filtration Column Sales Quantity by Application

(2021-2026) & (K Units)

Table 115. North America Gel Filtration Column Sales Quantity by Application

(2027-2032) & (K Units)

Table 116. North America Gel Filtration Column Sales Quantity by Country (2021-2026)

& (K Units)

Table 117. North America Gel Filtration Column Sales Quantity by Country (2027-2032)

& (K Units)

Table 118. North America Gel Filtration Column Consumption Value by Country

(2021-2026) & (USD Million)

Table 119. North America Gel Filtration Column Consumption Value by Country

(2027-2032) & (USD Million)

Table 120. Europe Gel Filtration Column Sales Quantity by Type (2021-2026) & (K

Units)

Table 121. Europe Gel Filtration Column Sales Quantity by Type (2027-2032) & (K

Units)

Table 122. Europe Gel Filtration Column Sales Quantity by Application (2021-2026) &

(K Units)

Table 123. Europe Gel Filtration Column Sales Quantity by Application (2027-2032) &

(K Units)

Table 124. Europe Gel Filtration Column Sales Quantity by Country (2021-2026) & (K

Units)

Table 125. Europe Gel Filtration Column Sales Quantity by Country (2027-2032) & (K

Units)

Table 126. Europe Gel Filtration Column Consumption Value by Country (2021-2026) &

(USD Million)

Table 127. Europe Gel Filtration Column Consumption Value by Country (2027-2032) &

(USD Million)

Table 128. Asia-Pacific Gel Filtration Column Sales Quantity by Type (2021-2026) & (K

Units)

Table 129. Asia-Pacific Gel Filtration Column Sales Quantity by Type (2027-2032) & (K

Units)

Table 130. Asia-Pacific Gel Filtration Column Sales Quantity by Application (2021-2026) & (K Units)

Table 131. Asia-Pacific Gel Filtration Column Sales Quantity by Application (2027-2032) & (K Units)

Table 132. Asia-Pacific Gel Filtration Column Sales Quantity by Region (2021-2026) & (K Units)

Table 133. Asia-Pacific Gel Filtration Column Sales Quantity by Region (2027-2032) & (K Units)

Table 134. Asia-Pacific Gel Filtration Column Consumption Value by Region (2021-2026) & (USD Million)

Table 135. Asia-Pacific Gel Filtration Column Consumption Value by Region (2027-2032) & (USD Million)

Table 136. South America Gel Filtration Column Sales Quantity by Type (2021-2026) & (K Units)

Table 137. South America Gel Filtration Column Sales Quantity by Type (2027-2032) & (K Units)

Table 138. South America Gel Filtration Column Sales Quantity by Application (2021-2026) & (K Units)

Table 139. South America Gel Filtration Column Sales Quantity by Application (2027-2032) & (K Units)

Table 140. South America Gel Filtration Column Sales Quantity by Country (2021-2026) & (K Units)

Table 141. South America Gel Filtration Column Sales Quantity by Country (2027-2032) & (K Units)

Table 142. South America Gel Filtration Column Consumption Value by Country (2021-2026) & (USD Million)

Table 143. South America Gel Filtration Column Consumption Value by Country (2027-2032) & (USD Million)

Table 144. Middle East & Africa Gel Filtration Column Sales Quantity by Type (2021-2026) & (K Units)

Table 145. Middle East & Africa Gel Filtration Column Sales Quantity by Type (2027-2032) & (K Units)

Table 146. Middle East & Africa Gel Filtration Column Sales Quantity by Application (2021-2026) & (K Units)

Table 147. Middle East & Africa Gel Filtration Column Sales Quantity by Application (2027-2032) & (K Units)

Table 148. Middle East & Africa Gel Filtration Column Sales Quantity by Country (2021-2026) & (K Units)

Table 149. Middle East & Africa Gel Filtration Column Sales Quantity by Country

(2027-2032) & (K Units)

Table 150. Middle East & Africa Gel Filtration Column Consumption Value by Country (2021-2026) & (USD Million)

Table 151. Middle East & Africa Gel Filtration Column Consumption Value by Country (2027-2032) & (USD Million)

Table 152. Gel Filtration Column Raw Material

Table 153. Key Manufacturers of Gel Filtration Column Raw Materials

Table 154. Gel Filtration Column Typical Distributors

Table 155. Gel Filtration Column Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Gel Filtration Column Picture

Figure 2. Global Gel Filtration Column Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Gel Filtration Column Revenue Market Share by Type in 2025

Figure 4. Low Molecular Weight SEC Column Examples

Figure 5. Medium Molecular Weight SEC Column Examples

Figure 6. High Molecular Weight SEC Column Examples

Figure 7. Global Gel Filtration Column Revenue by Matrix Material, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Gel Filtration Column Revenue Market Share by Matrix Material in 2025

Figure 9. Agarose-Based Gel Filtration Column Examples

Figure 10. Dextran-Based Gel Filtration Column Examples

Figure 11. Polymer-Based SEC Column Examples

Figure 12. Global Gel Filtration Column Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 13. Global Gel Filtration Column Revenue Market Share by Application in 2025

Figure 14. Biopharmaceutical Companies Examples

Figure 15. Laboratories Examples

Figure 16. Others Examples

Figure 17. Global Gel Filtration Column Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 18. Global Gel Filtration Column Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 19. Global Gel Filtration Column Sales Quantity (2021-2032) & (K Units)

Figure 20. Global Gel Filtration Column Price (2021-2032) & (US\$/Unit)

Figure 21. Global Gel Filtration Column Sales Quantity Market Share by Manufacturer in 2025

Figure 22. Global Gel Filtration Column Revenue Market Share by Manufacturer in 2025

Figure 23. Producer Shipments of Gel Filtration Column by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 24. Top 3 Gel Filtration Column Manufacturer (Revenue) Market Share in 2025

Figure 25. Top 6 Gel Filtration Column Manufacturer (Revenue) Market Share in 2025

Figure 26. Global Gel Filtration Column Sales Quantity Market Share by Region (2021-2032)

Figure 27. Global Gel Filtration Column Consumption Value Market Share by Region (2021-2032)

Figure 28. North America Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 29. Europe Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 30. Asia-Pacific Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 31. South America Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 32. Middle East & Africa Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 33. Global Gel Filtration Column Sales Quantity Market Share by Type (2021-2032)

Figure 34. Global Gel Filtration Column Consumption Value Market Share by Type (2021-2032)

Figure 35. Global Gel Filtration Column Average Price by Type (2021-2032) & (US\$/Unit)

Figure 36. Global Gel Filtration Column Sales Quantity Market Share by Application (2021-2032)

Figure 37. Global Gel Filtration Column Revenue Market Share by Application (2021-2032)

Figure 38. Global Gel Filtration Column Average Price by Application (2021-2032) & (US\$/Unit)

Figure 39. North America Gel Filtration Column Sales Quantity Market Share by Type (2021-2032)

Figure 40. North America Gel Filtration Column Sales Quantity Market Share by Application (2021-2032)

Figure 41. North America Gel Filtration Column Sales Quantity Market Share by Country (2021-2032)

Figure 42. North America Gel Filtration Column Consumption Value Market Share by Country (2021-2032)

Figure 43. United States Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 44. Canada Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 45. Mexico Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 46. Europe Gel Filtration Column Sales Quantity Market Share by Type

(2021-2032)

Figure 47. Europe Gel Filtration Column Sales Quantity Market Share by Application

(2021-2032)

Figure 48. Europe Gel Filtration Column Sales Quantity Market Share by Country

(2021-2032)

Figure 49. Europe Gel Filtration Column Consumption Value Market Share by Country

(2021-2032)

Figure 50. Germany Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 51. France Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 52. United Kingdom Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 53. Russia Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 54. Italy Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 55. Asia-Pacific Gel Filtration Column Sales Quantity Market Share by Type (2021-2032)

Figure 56. Asia-Pacific Gel Filtration Column Sales Quantity Market Share by Application (2021-2032)

Figure 57. Asia-Pacific Gel Filtration Column Sales Quantity Market Share by Region (2021-2032)

Figure 58. Asia-Pacific Gel Filtration Column Consumption Value Market Share by Region (2021-2032)

Figure 59. China Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 60. Japan Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 61. South Korea Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 62. India Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 63. Southeast Asia Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 64. Australia Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 65. South America Gel Filtration Column Sales Quantity Market Share by Type (2021-2032)

Figure 66. South America Gel Filtration Column Sales Quantity Market Share by Application (2021-2032)

Figure 67. South America Gel Filtration Column Sales Quantity Market Share by

Country (2021-2032)

Figure 68. South America Gel Filtration Column Consumption Value Market Share by Country (2021-2032)

Figure 69. Brazil Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 70. Argentina Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 71. Middle East & Africa Gel Filtration Column Sales Quantity Market Share by Type (2021-2032)

Figure 72. Middle East & Africa Gel Filtration Column Sales Quantity Market Share by Application (2021-2032)

Figure 73. Middle East & Africa Gel Filtration Column Sales Quantity Market Share by Country (2021-2032)

Figure 74. Middle East & Africa Gel Filtration Column Consumption Value Market Share by Country (2021-2032)

Figure 75. Turkey Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 76. Egypt Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 77. Saudi Arabia Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 78. South Africa Gel Filtration Column Consumption Value (2021-2032) & (USD Million)

Figure 79. Gel Filtration Column Market Drivers

Figure 80. Gel Filtration Column Market Restraints

Figure 81. Gel Filtration Column Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of Gel Filtration Column in 2025

Figure 84. Manufacturing Process Analysis of Gel Filtration Column

Figure 85. Gel Filtration Column Industrial Chain

Figure 86. Sales Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source

I would like to order

Product name: Global Gel Filtration Column Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GDB5F169B4D7EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDB5F169B4D7EN.html>