

Global Serine Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Serine market size was valued at USD 248.5 million in 2023 and is forecast to a readjusted size of USD 353.6 million by 2030 with a CAGR of 5.2% during review period.

Serine is an amino acid with the formula $\text{HO}_2\text{CCH}(\text{NH}_2)\text{CH}_2\text{OH}$. It is one of the proteinogenic amino acids. It contains L-Serine, D- Serine and DL- Serine three types.

Serine is a non-essential amino acid in humans (synthesized by the body), Serine is present and functionally important in many proteins. With an alcohol group, serine is needed for the metabolism of fats, fatty acids, and cell membranes; muscle growth; and a healthy immune system. It also plays a major role in pyrimidine, purine, creatine, and porphyrin biosynthetic pathways. Serine is also found at the active site of the serine protease enzyme class that includes trypsin and chymotrypsin.

Global Serine key players include Ajinomoto, Evonik, KYOWA, etc. Global top three manufacturers hold a share over 60%.

Asia Pacific is the largest market, with a share about 50%, followed by North America, and Europe, both have a share over 40 percent.

In terms of product, L-Serine is the largest segment, with a share about 80%. And in terms of application, the largest application is Pharmaceutical Industry, followed by Food Industry, etc.

The Global Info Research report includes an overview of the development of the Serine industry chain, the market status of Pharmaceutical (L-Serine, D-Serine), Food (L-

Serine, D-Serine), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Serine.

Regionally, the report analyzes the Serine markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Serine market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Serine market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Serine industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., L-Serine, D-Serine).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Serine market.

Regional Analysis: The report involves examining the Serine market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Serine market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Serine:

Company Analysis: Report covers individual Serine manufacturers, suppliers, and other

relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Serine. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Pharmaceutical, Food).

Technology Analysis: Report covers specific technologies relevant to Serine. It assesses the current state, advancements, and potential future developments in Serine areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Serine market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Serine market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

L-Serine

D-Serine

DL-Serine

Market segment by Application

Pharmaceutical

Food

Cosmetics

Others

Major players covered

Ajinomoto

Evonik

KYOWA

Mitsui Chemicals

Amino

Wuxi Jinghai Amino Acid

Apeloa

Bafeng Pharmaceutical

Jiahe Biotech

Hua Yang Chemical

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 Serine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Serine, with price, sales, revenue and global market share of Serine from 2019 to 2024.

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

Chapter 4, the Serine breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Serine market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Serine.

Chapter 14 and 15, to describe Serine sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Serine
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Serine Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 L-Serine
 - 1.3.3 D-Serine
 - 1.3.4 DL-Serine
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Serine Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Pharmaceutical
 - 1.4.3 Food
 - 1.4.4 Cosmetics
 - 1.4.5 Others
- 1.5 Global Serine Market Size & Forecast
 - 1.5.1 Global Serine Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Serine Sales Quantity (2019-2030)
 - 1.5.3 Global Serine Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Ajinomoto
 - 2.1.1 Ajinomoto Details
 - 2.1.2 Ajinomoto Major Business
 - 2.1.3 Ajinomoto Serine Product and Services
 - 2.1.4 Ajinomoto Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Ajinomoto Recent Developments/Updates
- 2.2 Evonik
 - 2.2.1 Evonik Details
 - 2.2.2 Evonik Major Business
 - 2.2.3 Evonik Serine Product and Services
 - 2.2.4 Evonik Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.2.5 Evonik Recent Developments/Updates
- 2.3 KYOWA
 - 2.3.1 KYOWA Details
 - 2.3.2 KYOWA Major Business
 - 2.3.3 KYOWA Serine Product and Services
 - 2.3.4 KYOWA Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 KYOWA Recent Developments/Updates
- 2.4 Mitsui Chemicals
 - 2.4.1 Mitsui Chemicals Details
 - 2.4.2 Mitsui Chemicals Major Business
 - 2.4.3 Mitsui Chemicals Serine Product and Services
 - 2.4.4 Mitsui Chemicals Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Mitsui Chemicals Recent Developments/Updates
- 2.5 Amino
 - 2.5.1 Amino Details
 - 2.5.2 Amino Major Business
 - 2.5.3 Amino Serine Product and Services
 - 2.5.4 Amino Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Amino Recent Developments/Updates
- 2.6 Wuxi Jinghai Amino Acid
 - 2.6.1 Wuxi Jinghai Amino Acid Details
 - 2.6.2 Wuxi Jinghai Amino Acid Major Business
 - 2.6.3 Wuxi Jinghai Amino Acid Serine Product and Services
 - 2.6.4 Wuxi Jinghai Amino Acid Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Wuxi Jinghai Amino Acid Recent Developments/Updates
- 2.7 Apeloa
 - 2.7.1 Apeloa Details
 - 2.7.2 Apeloa Major Business
 - 2.7.3 Apeloa Serine Product and Services
 - 2.7.4 Apeloa Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Apeloa Recent Developments/Updates
- 2.8 Bafeng Pharmaceutical
 - 2.8.1 Bafeng Pharmaceutical Details
 - 2.8.2 Bafeng Pharmaceutical Major Business

- 2.8.3 Bafeng Pharmaceutical Serine Product and Services
- 2.8.4 Bafeng Pharmaceutical Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Bafeng Pharmaceutical Recent Developments/Updates
- 2.9 Jiahe Biotech
 - 2.9.1 Jiahe Biotech Details
 - 2.9.2 Jiahe Biotech Major Business
 - 2.9.3 Jiahe Biotech Serine Product and Services
 - 2.9.4 Jiahe Biotech Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Jiahe Biotech Recent Developments/Updates
- 2.10 Hua Yang Chemical
 - 2.10.1 Hua Yang Chemical Details
 - 2.10.2 Hua Yang Chemical Major Business
 - 2.10.3 Hua Yang Chemical Serine Product and Services
 - 2.10.4 Hua Yang Chemical Serine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Hua Yang Chemical Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SERINE BY MANUFACTURER

- 3.1 Global Serine Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Serine Revenue by Manufacturer (2019-2024)
- 3.3 Global Serine Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Serine by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Serine Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Serine Manufacturer Market Share in 2023
- 3.5 Serine Market: Overall Company Footprint Analysis
 - 3.5.1 Serine Market: Region Footprint
 - 3.5.2 Serine Market: Company Product Type Footprint
 - 3.5.3 Serine 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 Serine Market Size by Region

- 4.1.1 Global Serine Sales Quantity by Region (2019-2030)
- 4.1.2 Global Serine Consumption Value by Region (2019-2030)
- 4.1.3 Global Serine Average Price by Region (2019-2030)
- 4.2 North America Serine Consumption Value (2019-2030)
- 4.3 Europe Serine Consumption Value (2019-2030)
- 4.4 Asia-Pacific Serine Consumption Value (2019-2030)
- 4.5 South America Serine Consumption Value (2019-2030)
- 4.6 Middle East and Africa Serine Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Serine Sales Quantity by Type (2019-2030)
- 5.2 Global Serine Consumption Value by Type (2019-2030)
- 5.3 Global Serine Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Serine Sales Quantity by Application (2019-2030)
- 6.2 Global Serine Consumption Value by Application (2019-2030)
- 6.3 Global Serine Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Serine Sales Quantity by Type (2019-2030)
- 7.2 North America Serine Sales Quantity by Application (2019-2030)
- 7.3 North America Serine Market Size by Country
 - 7.3.1 North America Serine Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Serine Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Serine Sales Quantity by Type (2019-2030)
- 8.2 Europe Serine Sales Quantity by Application (2019-2030)
- 8.3 Europe Serine Market Size by Country
 - 8.3.1 Europe Serine Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Serine Consumption Value by Country (2019-2030)

- 8.3.3 Germany Market Size and Forecast (2019-2030)
- 8.3.4 France Market Size and Forecast (2019-2030)
- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)
- 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Serine Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Serine Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Serine Market Size by Region
 - 9.3.1 Asia-Pacific Serine Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Serine Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Serine Sales Quantity by Type (2019-2030)
- 10.2 South America Serine Sales Quantity by Application (2019-2030)
- 10.3 South America Serine Market Size by Country
 - 10.3.1 South America Serine Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Serine Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Serine Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Serine Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Serine Market Size by Country
 - 11.3.1 Middle East & Africa Serine Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Serine Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Serine Market Drivers

12.2 Serine Market Restraints

12.3 Serine 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 Serine and Key Manufacturers

13.2 Manufacturing Costs Percentage of Serine

13.3 Serine Production Process

13.4 Serine Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Serine Typical Distributors

14.3 Serine 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 Serine Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Serine Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Ajinomoto Basic Information, Manufacturing Base and Competitors

Table 4. Ajinomoto Major Business

Table 5. Ajinomoto Serine Product and Services

Table 6. Ajinomoto Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Ajinomoto Recent Developments/Updates

Table 8. Evonik Basic Information, Manufacturing Base and Competitors

Table 9. Evonik Major Business

Table 10. Evonik Serine Product and Services

Table 11. Evonik Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Evonik Recent Developments/Updates

Table 13. KYOWA Basic Information, Manufacturing Base and Competitors

Table 14. KYOWA Major Business

Table 15. KYOWA Serine Product and Services

Table 16. KYOWA Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. KYOWA Recent Developments/Updates

Table 18. Mitsui Chemicals Basic Information, Manufacturing Base and Competitors

Table 19. Mitsui Chemicals Major Business

Table 20. Mitsui Chemicals Serine Product and Services

Table 21. Mitsui Chemicals Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Mitsui Chemicals Recent Developments/Updates

Table 23. Amino Basic Information, Manufacturing Base and Competitors

Table 24. Amino Major Business

Table 25. Amino Serine Product and Services

Table 26. Amino Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Amino Recent Developments/Updates

Table 28. Wuxi Jinghai Amino Acid Basic Information, Manufacturing Base and Competitors

- Table 29. Wuxi Jinghai Amino Acid Major Business
- Table 30. Wuxi Jinghai Amino Acid Serine Product and Services
- Table 31. Wuxi Jinghai Amino Acid Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Wuxi Jinghai Amino Acid Recent Developments/Updates
- Table 33. Apeloa Basic Information, Manufacturing Base and Competitors
- Table 34. Apeloa Major Business
- Table 35. Apeloa Serine Product and Services
- Table 36. Apeloa Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Apeloa Recent Developments/Updates
- Table 38. Bafeng Pharmaceutical Basic Information, Manufacturing Base and Competitors
- Table 39. Bafeng Pharmaceutical Major Business
- Table 40. Bafeng Pharmaceutical Serine Product and Services
- Table 41. Bafeng Pharmaceutical Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Bafeng Pharmaceutical Recent Developments/Updates
- Table 43. Jiahe Biotech Basic Information, Manufacturing Base and Competitors
- Table 44. Jiahe Biotech Major Business
- Table 45. Jiahe Biotech Serine Product and Services
- Table 46. Jiahe Biotech Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Jiahe Biotech Recent Developments/Updates
- Table 48. Hua Yang Chemical Basic Information, Manufacturing Base and Competitors
- Table 49. Hua Yang Chemical Major Business
- Table 50. Hua Yang Chemical Serine Product and Services
- Table 51. Hua Yang Chemical Serine Sales Quantity (MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Hua Yang Chemical Recent Developments/Updates
- Table 53. Global Serine Sales Quantity by Manufacturer (2019-2024) & (MT)
- Table 54. Global Serine Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 55. Global Serine Average Price by Manufacturer (2019-2024) & (USD/MT)
- Table 56. Market Position of Manufacturers in Serine, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 57. Head Office and Serine Production Site of Key Manufacturer
- Table 58. Serine Market: Company Product Type Footprint
- Table 59. Serine Market: Company Product Application Footprint
- Table 60. Serine New Market Entrants and Barriers to Market Entry

- Table 61. Serine Mergers, Acquisition, Agreements, and Collaborations
- Table 62. Global Serine Sales Quantity by Region (2019-2024) & (MT)
- Table 63. Global Serine Sales Quantity by Region (2025-2030) & (MT)
- Table 64. Global Serine Consumption Value by Region (2019-2024) & (USD Million)
- Table 65. Global Serine Consumption Value by Region (2025-2030) & (USD Million)
- Table 66. Global Serine Average Price by Region (2019-2024) & (USD/MT)
- Table 67. Global Serine Average Price by Region (2025-2030) & (USD/MT)
- Table 68. Global Serine Sales Quantity by Type (2019-2024) & (MT)
- Table 69. Global Serine Sales Quantity by Type (2025-2030) & (MT)
- Table 70. Global Serine Consumption Value by Type (2019-2024) & (USD Million)
- Table 71. Global Serine Consumption Value by Type (2025-2030) & (USD Million)
- Table 72. Global Serine Average Price by Type (2019-2024) & (USD/MT)
- Table 73. Global Serine Average Price by Type (2025-2030) & (USD/MT)
- Table 74. Global Serine Sales Quantity by Application (2019-2024) & (MT)
- Table 75. Global Serine Sales Quantity by Application (2025-2030) & (MT)
- Table 76. Global Serine Consumption Value by Application (2019-2024) & (USD Million)
- Table 77. Global Serine Consumption Value by Application (2025-2030) & (USD Million)
- Table 78. Global Serine Average Price by Application (2019-2024) & (USD/MT)
- Table 79. Global Serine Average Price by Application (2025-2030) & (USD/MT)
- Table 80. North America Serine Sales Quantity by Type (2019-2024) & (MT)
- Table 81. North America Serine Sales Quantity by Type (2025-2030) & (MT)
- Table 82. North America Serine Sales Quantity by Application (2019-2024) & (MT)
- Table 83. North America Serine Sales Quantity by Application (2025-2030) & (MT)
- Table 84. North America Serine Sales Quantity by Country (2019-2024) & (MT)
- Table 85. North America Serine Sales Quantity by Country (2025-2030) & (MT)
- Table 86. North America Serine Consumption Value by Country (2019-2024) & (USD Million)
- Table 87. North America Serine Consumption Value by Country (2025-2030) & (USD Million)
- Table 88. Europe Serine Sales Quantity by Type (2019-2024) & (MT)
- Table 89. Europe Serine Sales Quantity by Type (2025-2030) & (MT)
- Table 90. Europe Serine Sales Quantity by Application (2019-2024) & (MT)
- Table 91. Europe Serine Sales Quantity by Application (2025-2030) & (MT)
- Table 92. Europe Serine Sales Quantity by Country (2019-2024) & (MT)
- Table 93. Europe Serine Sales Quantity by Country (2025-2030) & (MT)
- Table 94. Europe Serine Consumption Value by Country (2019-2024) & (USD Million)
- Table 95. Europe Serine Consumption Value by Country (2025-2030) & (USD Million)
- Table 96. Asia-Pacific Serine Sales Quantity by Type (2019-2024) & (MT)
- Table 97. Asia-Pacific Serine Sales Quantity by Type (2025-2030) & (MT)

- Table 98. Asia-Pacific Serine Sales Quantity by Application (2019-2024) & (MT)
- Table 99. Asia-Pacific Serine Sales Quantity by Application (2025-2030) & (MT)
- Table 100. Asia-Pacific Serine Sales Quantity by Region (2019-2024) & (MT)
- Table 101. Asia-Pacific Serine Sales Quantity by Region (2025-2030) & (MT)
- Table 102. Asia-Pacific Serine Consumption Value by Region (2019-2024) & (USD Million)
- Table 103. Asia-Pacific Serine Consumption Value by Region (2025-2030) & (USD Million)
- Table 104. South America Serine Sales Quantity by Type (2019-2024) & (MT)
- Table 105. South America Serine Sales Quantity by Type (2025-2030) & (MT)
- Table 106. South America Serine Sales Quantity by Application (2019-2024) & (MT)
- Table 107. South America Serine Sales Quantity by Application (2025-2030) & (MT)
- Table 108. South America Serine Sales Quantity by Country (2019-2024) & (MT)
- Table 109. South America Serine Sales Quantity by Country (2025-2030) & (MT)
- Table 110. South America Serine Consumption Value by Country (2019-2024) & (USD Million)
- Table 111. South America Serine Consumption Value by Country (2025-2030) & (USD Million)
- Table 112. Middle East & Africa Serine Sales Quantity by Type (2019-2024) & (MT)
- Table 113. Middle East & Africa Serine Sales Quantity by Type (2025-2030) & (MT)
- Table 114. Middle East & Africa Serine Sales Quantity by Application (2019-2024) & (MT)
- Table 115. Middle East & Africa Serine Sales Quantity by Application (2025-2030) & (MT)
- Table 116. Middle East & Africa Serine Sales Quantity by Region (2019-2024) & (MT)
- Table 117. Middle East & Africa Serine Sales Quantity by Region (2025-2030) & (MT)
- Table 118. Middle East & Africa Serine Consumption Value by Region (2019-2024) & (USD Million)
- Table 119. Middle East & Africa Serine Consumption Value by Region (2025-2030) & (USD Million)
- Table 120. Serine Raw Material
- Table 121. Key Manufacturers of Serine Raw Materials
- Table 122. Serine Typical Distributors
- Table 123. Serine Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Serine Picture

Figure 2. Global Serine Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Serine Consumption Value Market Share by Type in 2023

Figure 4. L-Serine Examples

Figure 5. D-Serine Examples

Figure 6. DL-Serine Examples

Figure 7. Global Serine Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 8. Global Serine Consumption Value Market Share by Application in 2023

Figure 9. Pharmaceutical Examples

Figure 10. Food Examples

Figure 11. Cosmetics Examples

Figure 12. Others Examples

Figure 13. Global Serine Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global Serine Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 15. Global Serine Sales Quantity (2019-2030) & (MT)

Figure 16. Global Serine Average Price (2019-2030) & (USD/MT)

Figure 17. Global Serine Sales Quantity Market Share by Manufacturer in 2023

Figure 18. Global Serine Consumption Value Market Share by Manufacturer in 2023

Figure 19. Producer Shipments of Serine by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 20. Top 3 Serine Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Top 6 Serine Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Global Serine Sales Quantity Market Share by Region (2019-2030)

Figure 23. Global Serine Consumption Value Market Share by Region (2019-2030)

Figure 24. North America Serine Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Serine Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Serine Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Serine Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Serine Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Serine Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Serine Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Serine Average Price by Type (2019-2030) & (USD/MT)

Figure 32. Global Serine Sales Quantity Market Share by Application (2019-2030)

- Figure 33. Global Serine Consumption Value Market Share by Application (2019-2030)
- Figure 34. Global Serine Average Price by Application (2019-2030) & (USD/MT)
- Figure 35. North America Serine Sales Quantity Market Share by Type (2019-2030)
- Figure 36. North America Serine Sales Quantity Market Share by Application (2019-2030)
- Figure 37. North America Serine Sales Quantity Market Share by Country (2019-2030)
- Figure 38. North America Serine Consumption Value Market Share by Country (2019-2030)
- Figure 39. United States Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 40. Canada Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 41. Mexico Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 42. Europe Serine Sales Quantity Market Share by Type (2019-2030)
- Figure 43. Europe Serine Sales Quantity Market Share by Application (2019-2030)
- Figure 44. Europe Serine Sales Quantity Market Share by Country (2019-2030)
- Figure 45. Europe Serine Consumption Value Market Share by Country (2019-2030)
- Figure 46. Germany Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 47. France Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 48. United Kingdom Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 49. Russia Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 50. Italy Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 51. Asia-Pacific Serine Sales Quantity Market Share by Type (2019-2030)
- Figure 52. Asia-Pacific Serine Sales Quantity Market Share by Application (2019-2030)
- Figure 53. Asia-Pacific Serine Sales Quantity Market Share by Region (2019-2030)
- Figure 54. Asia-Pacific Serine Consumption Value Market Share by Region (2019-2030)
- Figure 55. China Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 56. Japan Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 57. Korea Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 58. India Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Million)

Figure 59. Southeast Asia Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Serine Sales Quantity Market Share by Type (2019-2030)

Figure 62. South America Serine Sales Quantity Market Share by Application (2019-2030)

Figure 63. South America Serine Sales Quantity Market Share by Country (2019-2030)

Figure 64. South America Serine Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Argentina Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Serine Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Serine Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Serine Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Serine Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Serine Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Serine Market Drivers

Figure 76. Serine Market Restraints

Figure 77. Serine Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Serine in 2023

Figure 80. Manufacturing Process Analysis of Serine

Figure 81. Serine Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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