

L-Serine Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/L0EBDA08479AEN.html>

Date: March 2022

Pages: 79

Price: US\$ 3,250.00 (Single User License)

ID: L0EBDA08479AEN

Abstracts

L-Serine(CAS 56-45-1)

This report contains market size and forecasts of L-Serine in global, including the following market information:

Global L-Serine Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global L-Serine Market Sales, 2017-2022, 2023-2028, (MT)

Global top five L-Serine companies in 2021 (%)

The global L-Serine market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Pharm Grade L-Serine Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of L-Serine include Ajinomoto, Evonik, Kyowa Hakko Bio, Mitsui Chemicals, Amino, Bafeng Pharmaceutical & Chemical, Jinghai Amino Acid, Tianan Pharmaceuticals and Jiahe Biotech, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the L-Serine manufacturers,

suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global L-Serine Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global L-Serine Market Segment Percentages, by Type, 2021 (%)

Pharm Grade L-Serine

Food Grade L-Serine

Global L-Serine Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global L-Serine Market Segment Percentages, by Application, 2021 (%)

Pharmaceutical

Food

Cosmetics

Global L-Serine Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global L-Serine Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies L-Serine revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies L-Serine revenues share in global market, 2021 (%)

Key companies L-Serine sales in global market, 2017-2022 (Estimated), (MT)

Key companies L-Serine sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Ajinomoto

Evonik

Kyowa Hakko Bio

Mitsui Chemicals

Amino

Bafeng Pharmaceutical & Chemical

Jinghai Amino Acid

Tianan Pharmaceuticals

Jiahe Biotech

Huayang Chemical

Puyer Biopharma

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 L-Serine Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global L-Serine Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL L-SERINE OVERALL MARKET SIZE

- 2.1 Global L-Serine Market Size: 2021 VS 2028
- 2.2 Global L-Serine Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global L-Serine Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top L-Serine Players in Global Market
- 3.2 Top Global L-Serine Companies Ranked by Revenue
- 3.3 Global L-Serine Revenue by Companies
- 3.4 Global L-Serine Sales by Companies
- 3.5 Global L-Serine Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 L-Serine Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers L-Serine Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 L-Serine Players in Global Market
 - 3.8.1 List of Global Tier 1 L-Serine Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 L-Serine Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview
 - 4.1.1 By Type - Global L-Serine Market Size Markets, 2021 & 2028

- 4.1.2 Pharm Grade L-Serine
- 4.1.3 Food Grade L-Serine
- 4.2 By Type - Global L-Serine Revenue & Forecasts
 - 4.2.1 By Type - Global L-Serine Revenue, 2017-2022
 - 4.2.2 By Type - Global L-Serine Revenue, 2023-2028
 - 4.2.3 By Type - Global L-Serine Revenue Market Share, 2017-2028
- 4.3 By Type - Global L-Serine Sales & Forecasts
 - 4.3.1 By Type - Global L-Serine Sales, 2017-2022
 - 4.3.2 By Type - Global L-Serine Sales, 2023-2028
 - 4.3.3 By Type - Global L-Serine Sales Market Share, 2017-2028
- 4.4 By Type - Global L-Serine Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global L-Serine Market Size, 2021 & 2028
 - 5.1.2 Pharmaceutical
 - 5.1.3 Food
 - 5.1.4 Cosmetics
- 5.2 By Application - Global L-Serine Revenue & Forecasts
 - 5.2.1 By Application - Global L-Serine Revenue, 2017-2022
 - 5.2.2 By Application - Global L-Serine Revenue, 2023-2028
 - 5.2.3 By Application - Global L-Serine Revenue Market Share, 2017-2028
- 5.3 By Application - Global L-Serine Sales & Forecasts
 - 5.3.1 By Application - Global L-Serine Sales, 2017-2022
 - 5.3.2 By Application - Global L-Serine Sales, 2023-2028
 - 5.3.3 By Application - Global L-Serine Sales Market Share, 2017-2028
- 5.4 By Application - Global L-Serine Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global L-Serine Market Size, 2021 & 2028
- 6.2 By Region - Global L-Serine Revenue & Forecasts
 - 6.2.1 By Region - Global L-Serine Revenue, 2017-2022
 - 6.2.2 By Region - Global L-Serine Revenue, 2023-2028
 - 6.2.3 By Region - Global L-Serine Revenue Market Share, 2017-2028
- 6.3 By Region - Global L-Serine Sales & Forecasts
 - 6.3.1 By Region - Global L-Serine Sales, 2017-2022
 - 6.3.2 By Region - Global L-Serine Sales, 2023-2028

6.3.3 By Region - Global L-Serine Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America L-Serine Revenue, 2017-2028

6.4.2 By Country - North America L-Serine Sales, 2017-2028

6.4.3 US L-Serine Market Size, 2017-2028

6.4.4 Canada L-Serine Market Size, 2017-2028

6.4.5 Mexico L-Serine Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe L-Serine Revenue, 2017-2028

6.5.2 By Country - Europe L-Serine Sales, 2017-2028

6.5.3 Germany L-Serine Market Size, 2017-2028

6.5.4 France L-Serine Market Size, 2017-2028

6.5.5 U.K. L-Serine Market Size, 2017-2028

6.5.6 Italy L-Serine Market Size, 2017-2028

6.5.7 Russia L-Serine Market Size, 2017-2028

6.5.8 Nordic Countries L-Serine Market Size, 2017-2028

6.5.9 Benelux L-Serine Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia L-Serine Revenue, 2017-2028

6.6.2 By Region - Asia L-Serine Sales, 2017-2028

6.6.3 China L-Serine Market Size, 2017-2028

6.6.4 Japan L-Serine Market Size, 2017-2028

6.6.5 South Korea L-Serine Market Size, 2017-2028

6.6.6 Southeast Asia L-Serine Market Size, 2017-2028

6.6.7 India L-Serine Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America L-Serine Revenue, 2017-2028

6.7.2 By Country - South America L-Serine Sales, 2017-2028

6.7.3 Brazil L-Serine Market Size, 2017-2028

6.7.4 Argentina L-Serine Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa L-Serine Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa L-Serine Sales, 2017-2028

6.8.3 Turkey L-Serine Market Size, 2017-2028

6.8.4 Israel L-Serine Market Size, 2017-2028

6.8.5 Saudi Arabia L-Serine Market Size, 2017-2028

6.8.6 UAE L-Serine Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Ajinomoto

7.1.1 Ajinomoto Corporate Summary

7.1.2 Ajinomoto Business Overview

7.1.3 Ajinomoto L-Serine Major Product Offerings

7.1.4 Ajinomoto L-Serine Sales and Revenue in Global (2017-2022)

7.1.5 Ajinomoto Key News

7.2 Evonik

7.2.1 Evonik Corporate Summary

7.2.2 Evonik Business Overview

7.2.3 Evonik L-Serine Major Product Offerings

7.2.4 Evonik L-Serine Sales and Revenue in Global (2017-2022)

7.2.5 Evonik Key News

7.3 Kyowa Hakko Bio

7.3.1 Kyowa Hakko Bio Corporate Summary

7.3.2 Kyowa Hakko Bio Business Overview

7.3.3 Kyowa Hakko Bio L-Serine Major Product Offerings

7.3.4 Kyowa Hakko Bio L-Serine Sales and Revenue in Global (2017-2022)

7.3.5 Kyowa Hakko Bio Key News

7.4 Mitsui Chemicals

7.4.1 Mitsui Chemicals Corporate Summary

7.4.2 Mitsui Chemicals Business Overview

7.4.3 Mitsui Chemicals L-Serine Major Product Offerings

7.4.4 Mitsui Chemicals L-Serine Sales and Revenue in Global (2017-2022)

7.4.5 Mitsui Chemicals Key News

7.5 Amino

7.5.1 Amino Corporate Summary

7.5.2 Amino Business Overview

7.5.3 Amino L-Serine Major Product Offerings

7.5.4 Amino L-Serine Sales and Revenue in Global (2017-2022)

7.5.5 Amino Key News

7.6 Bafeng Pharmaceutical & Chemical

7.6.1 Bafeng Pharmaceutical & Chemical Corporate Summary

7.6.2 Bafeng Pharmaceutical & Chemical Business Overview

7.6.3 Bafeng Pharmaceutical & Chemical L-Serine Major Product Offerings

7.6.4 Bafeng Pharmaceutical & Chemical L-Serine Sales and Revenue in Global (2017-2022)

7.6.5 Bafeng Pharmaceutical & Chemical Key News

7.7 Jinghai Amino Acid

- 7.7.1 Jinghai Amino Acid Corporate Summary
- 7.7.2 Jinghai Amino Acid Business Overview
- 7.7.3 Jinghai Amino Acid L-Serine Major Product Offerings
- 7.7.4 Jinghai Amino Acid L-Serine Sales and Revenue in Global (2017-2022)
- 7.7.5 Jinghai Amino Acid Key News
- 7.8 Tianan Pharmaceuticals
 - 7.8.1 Tianan Pharmaceuticals Corporate Summary
 - 7.8.2 Tianan Pharmaceuticals Business Overview
 - 7.8.3 Tianan Pharmaceuticals L-Serine Major Product Offerings
 - 7.8.4 Tianan Pharmaceuticals L-Serine Sales and Revenue in Global (2017-2022)
 - 7.8.5 Tianan Pharmaceuticals Key News
- 7.9 Jiahe Biotech
 - 7.9.1 Jiahe Biotech Corporate Summary
 - 7.9.2 Jiahe Biotech Business Overview
 - 7.9.3 Jiahe Biotech L-Serine Major Product Offerings
 - 7.9.4 Jiahe Biotech L-Serine Sales and Revenue in Global (2017-2022)
 - 7.9.5 Jiahe Biotech Key News
- 7.10 Huayang Chemical
 - 7.10.1 Huayang Chemical Corporate Summary
 - 7.10.2 Huayang Chemical Business Overview
 - 7.10.3 Huayang Chemical L-Serine Major Product Offerings
 - 7.10.4 Huayang Chemical L-Serine Sales and Revenue in Global (2017-2022)
 - 7.10.5 Huayang Chemical Key News
- 7.11 Puyer Biopharma
 - 7.11.1 Puyer Biopharma Corporate Summary
 - 7.11.2 Puyer Biopharma L-Serine Business Overview
 - 7.11.3 Puyer Biopharma L-Serine Major Product Offerings
 - 7.11.4 Puyer Biopharma L-Serine Sales and Revenue in Global (2017-2022)
 - 7.11.5 Puyer Biopharma Key News

8 GLOBAL L-SERINE PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global L-Serine Production Capacity, 2017-2028
- 8.2 L-Serine Production Capacity of Key Manufacturers in Global Market
- 8.3 Global L-Serine Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 L-SERINE SUPPLY CHAIN ANALYSIS

10.1 L-Serine Industry Value Chain

10.2 L-Serine Upstream Market

10.3 L-Serine Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 L-Serine Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of L-Serine in Global Market
Table 2. Top L-Serine Players in Global Market, Ranking by Revenue (2021)
Table 3. Global L-Serine Revenue by Companies, (US\$, Mn), 2017-2022
Table 4. Global L-Serine Revenue Share by Companies, 2017-2022
Table 5. Global L-Serine Sales by Companies, (MT), 2017-2022
Table 6. Global L-Serine Sales Share by Companies, 2017-2022
Table 7. Key Manufacturers L-Serine Price (2017-2022) & (USD/MT)
Table 8. Global Manufacturers L-Serine Product Type
Table 9. List of Global Tier 1 L-Serine Companies, Revenue (US\$, Mn) in 2021 and Market Share
Table 10. List of Global Tier 2 and Tier 3 L-Serine Companies, Revenue (US\$, Mn) in 2021 and Market Share
Table 11. By Type – Global L-Serine Revenue, (US\$, Mn), 2021 & 2028
Table 12. By Type - Global L-Serine Revenue (US\$, Mn), 2017-2022
Table 13. By Type - Global L-Serine Revenue (US\$, Mn), 2023-2028
Table 14. By Type - Global L-Serine Sales (MT), 2017-2022
Table 15. By Type - Global L-Serine Sales (MT), 2023-2028
Table 16. By Application – Global L-Serine Revenue, (US\$, Mn), 2021 & 2028
Table 17. By Application - Global L-Serine Revenue (US\$, Mn), 2017-2022
Table 18. By Application - Global L-Serine Revenue (US\$, Mn), 2023-2028
Table 19. By Application - Global L-Serine Sales (MT), 2017-2022
Table 20. By Application - Global L-Serine Sales (MT), 2023-2028
Table 21. By Region – Global L-Serine Revenue, (US\$, Mn), 2021 VS 2028
Table 22. By Region - Global L-Serine Revenue (US\$, Mn), 2017-2022
Table 23. By Region - Global L-Serine Revenue (US\$, Mn), 2023-2028
Table 24. By Region - Global L-Serine Sales (MT), 2017-2022
Table 25. By Region - Global L-Serine Sales (MT), 2023-2028
Table 26. By Country - North America L-Serine Revenue, (US\$, Mn), 2017-2022
Table 27. By Country - North America L-Serine Revenue, (US\$, Mn), 2023-2028
Table 28. By Country - North America L-Serine Sales, (MT), 2017-2022
Table 29. By Country - North America L-Serine Sales, (MT), 2023-2028
Table 30. By Country - Europe L-Serine Revenue, (US\$, Mn), 2017-2022
Table 31. By Country - Europe L-Serine Revenue, (US\$, Mn), 2023-2028
Table 32. By Country - Europe L-Serine Sales, (MT), 2017-2022
Table 33. By Country - Europe L-Serine Sales, (MT), 2023-2028

Table 34. By Region - Asia L-Serine Revenue, (US\$, Mn), 2017-2022
Table 35. By Region - Asia L-Serine Revenue, (US\$, Mn), 2023-2028
Table 36. By Region - Asia L-Serine Sales, (MT), 2017-2022
Table 37. By Region - Asia L-Serine Sales, (MT), 2023-2028
Table 38. By Country - South America L-Serine Revenue, (US\$, Mn), 2017-2022
Table 39. By Country - South America L-Serine Revenue, (US\$, Mn), 2023-2028
Table 40. By Country - South America L-Serine Sales, (MT), 2017-2022
Table 41. By Country - South America L-Serine Sales, (MT), 2023-2028
Table 42. By Country - Middle East & Africa L-Serine Revenue, (US\$, Mn), 2017-2022
Table 43. By Country - Middle East & Africa L-Serine Revenue, (US\$, Mn), 2023-2028
Table 44. By Country - Middle East & Africa L-Serine Sales, (MT), 2017-2022
Table 45. By Country - Middle East & Africa L-Serine Sales, (MT), 2023-2028
Table 46. Ajinomoto Corporate Summary
Table 47. Ajinomoto L-Serine Product Offerings
Table 48. Ajinomoto L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 49. Evonik Corporate Summary
Table 50. Evonik L-Serine Product Offerings
Table 51. Evonik L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 52. Kyowa Hakko Bio Corporate Summary
Table 53. Kyowa Hakko Bio L-Serine Product Offerings
Table 54. Kyowa Hakko Bio L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 55. Mitsui Chemicals Corporate Summary
Table 56. Mitsui Chemicals L-Serine Product Offerings
Table 57. Mitsui Chemicals L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 58. Amino Corporate Summary
Table 59. Amino L-Serine Product Offerings
Table 60. Amino L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 61. Bafeng Pharmaceutical & Chemical Corporate Summary
Table 62. Bafeng Pharmaceutical & Chemical L-Serine Product Offerings
Table 63. Bafeng Pharmaceutical & Chemical L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 64. Jinghai Amino Acid Corporate Summary
Table 65. Jinghai Amino Acid L-Serine Product Offerings
Table 66. Jinghai Amino Acid L-Serine Sales (MT), Revenue (US\$, Mn) and Average

Price (USD/MT) (2017-2022)

Table 67. Tianan Pharmaceuticals Corporate Summary

Table 68. Tianan Pharmaceuticals L-Serine Product Offerings

Table 69. Tianan Pharmaceuticals L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 70. Jiahe Biotech Corporate Summary

Table 71. Jiahe Biotech L-Serine Product Offerings

Table 72. Jiahe Biotech L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 73. Huayang Chemical Corporate Summary

Table 74. Huayang Chemical L-Serine Product Offerings

Table 75. Huayang Chemical L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 76. Puyer Biopharma Corporate Summary

Table 77. Puyer Biopharma L-Serine Product Offerings

Table 78. Puyer Biopharma L-Serine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 79. L-Serine Production Capacity (MT) of Key Manufacturers in Global Market, 2020-2022 (MT)

Table 80. Global L-Serine Capacity Market Share of Key Manufacturers, 2020-2022

Table 81. Global L-Serine Production by Region, 2017-2022 (MT)

Table 82. Global L-Serine Production by Region, 2023-2028 (MT)

Table 83. L-Serine Market Opportunities & Trends in Global Market

Table 84. L-Serine Market Drivers in Global Market

Table 85. L-Serine Market Restraints in Global Market

Table 86. L-Serine Raw Materials

Table 87. L-Serine Raw Materials Suppliers in Global Market

Table 88. Typical L-Serine Downstream

Table 89. L-Serine Downstream Clients in Global Market

Table 90. L-Serine Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. L-Serine Segment by Type
- Figure 2. L-Serine Segment by Application
- Figure 3. Global L-Serine Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global L-Serine Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global L-Serine Revenue, 2017-2028 (US\$, Mn)
- Figure 7. L-Serine Sales in Global Market: 2017-2028 (MT)
- Figure 8. The Top 3 and 5 Players Market Share by L-Serine Revenue in 2021
- Figure 9. By Type - Global L-Serine Sales Market Share, 2017-2028
- Figure 10. By Type - Global L-Serine Revenue Market Share, 2017-2028
- Figure 11. By Type - Global L-Serine Price (USD/MT), 2017-2028
- Figure 12. By Application - Global L-Serine Sales Market Share, 2017-2028
- Figure 13. By Application - Global L-Serine Revenue Market Share, 2017-2028
- Figure 14. By Application - Global L-Serine Price (USD/MT), 2017-2028
- Figure 15. By Region - Global L-Serine Sales Market Share, 2017-2028
- Figure 16. By Region - Global L-Serine Revenue Market Share, 2017-2028
- Figure 17. By Country - North America L-Serine Revenue Market Share, 2017-2028
- Figure 18. By Country - North America L-Serine Sales Market Share, 2017-2028
- Figure 19. US L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe L-Serine Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe L-Serine Sales Market Share, 2017-2028
- Figure 24. Germany L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 25. France L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia L-Serine Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia L-Serine Sales Market Share, 2017-2028
- Figure 33. China L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan L-Serine Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 37. India L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America L-Serine Revenue Market Share, 2017-2028

Figure 39. By Country - South America L-Serine Sales Market Share, 2017-2028

Figure 40. Brazil L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa L-Serine Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa L-Serine Sales Market Share, 2017-2028

Figure 44. Turkey L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE L-Serine Revenue, (US\$, Mn), 2017-2028

Figure 48. Global L-Serine Production Capacity (MT), 2017-2028

Figure 49. The Percentage of Production L-Serine by Region, 2021 VS 2028

Figure 50. L-Serine Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: L-Serine Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/LOEBDA08479AEN.html>

Price: US\$ 3,250.00 (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/LOEBDA08479AEN.html>