

?-Alanine Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/B6E7AF7BB79BEN.html>

Date: January 2022

Pages: 77

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

ID: B6E7AF7BB79BEN

Abstracts

?-Alanine is a white powder, dissolved in water, soluble in methanol and ethanol, insoluble in ether and acetone. And it is a non-essential amino acid and is the only naturally occurring beta-amino acid.

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

Global ?-Alanine Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global ?-Alanine Market Sales, 2017-2022, 2023-2028, (MT)

Global top five ?-Alanine companies in 2021 (%)

The global ?-Alanine market was valued at 20 million in 2021 and is projected to reach US\$ 31 million by 2028, at a CAGR of 7.0% during the forecast period.

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

Below 98.5% Purity Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of ?-Alanine include Yifan Pharmaceutical, Xinfa Pharmaceutical, Huachen Biological, Yuki Gosei Kogyo, DSM, Anhui Huaheng Biological, Dalian Wondersun Chemical, Brother Enterprises Holding and Shandong Yangcheng 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-Alanine 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-Alanine Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (MT)

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

Below 98.5% Purity

98.5% Purity

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

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

Vitamin Intermediate

Pharma & Healthcare

Feed Additives

Others

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

Global L-Alanine 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 ?-Alanine revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies ?-Alanine revenues share in global market, 2021 (%)

Key companies ?-Alanine sales in global market, 2017-2022 (Estimated), (MT)

Key companies ?-Alanine sales share in global market, 2021 (%)

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

Yifan Pharmaceutical

Xinfa Pharmaceutical

Huachen Biological

Yuki Gosei Kogyo

DSM

Anhui Huaheng Biological

Dalian Wondersun Chemical

Brother Enterprises Holding

Shandong Yangcheng Biotech

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 ?-Alanine Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global ?-Alanine 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 ?-ALANINE OVERALL MARKET SIZE

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

3 COMPANY LANDSCAPE

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

4 SIGHTS BY PRODUCT

- 4.1 Overview
 - 4.1.1 By Type - Global ?-Alanine Market Size Markets, 2021 & 2028

- 4.1.2 Below 98.5% Purity
- 4.1.3 98.5% Purity
- 4.2 By Type - Global ?-Alanine Revenue & Forecasts
 - 4.2.1 By Type - Global ?-Alanine Revenue, 2017-2022
 - 4.2.2 By Type - Global ?-Alanine Revenue, 2023-2028
 - 4.2.3 By Type - Global ?-Alanine Revenue Market Share, 2017-2028
- 4.3 By Type - Global ?-Alanine Sales & Forecasts
 - 4.3.1 By Type - Global ?-Alanine Sales, 2017-2022
 - 4.3.2 By Type - Global ?-Alanine Sales, 2023-2028
 - 4.3.3 By Type - Global ?-Alanine Sales Market Share, 2017-2028
- 4.4 By Type - Global ?-Alanine Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global ?-Alanine Market Size, 2021 & 2028
 - 5.1.2 Vitamin Intermediate
 - 5.1.3 Pharma & Healthcare
 - 5.1.4 Feed Additives
 - 5.1.5 Others
- 5.2 By Application - Global ?-Alanine Revenue & Forecasts
 - 5.2.1 By Application - Global ?-Alanine Revenue, 2017-2022
 - 5.2.2 By Application - Global ?-Alanine Revenue, 2023-2028
 - 5.2.3 By Application - Global ?-Alanine Revenue Market Share, 2017-2028
- 5.3 By Application - Global ?-Alanine Sales & Forecasts
 - 5.3.1 By Application - Global ?-Alanine Sales, 2017-2022
 - 5.3.2 By Application - Global ?-Alanine Sales, 2023-2028
 - 5.3.3 By Application - Global ?-Alanine Sales Market Share, 2017-2028
- 5.4 By Application - Global ?-Alanine Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

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

6.3.2 By Region - Global ?-Alanine Sales, 2023-2028

6.3.3 By Region - Global ?-Alanine Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America ?-Alanine Revenue, 2017-2028

6.4.2 By Country - North America ?-Alanine Sales, 2017-2028

6.4.3 US ?-Alanine Market Size, 2017-2028

6.4.4 Canada ?-Alanine Market Size, 2017-2028

6.4.5 Mexico ?-Alanine Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe ?-Alanine Revenue, 2017-2028

6.5.2 By Country - Europe ?-Alanine Sales, 2017-2028

6.5.3 Germany ?-Alanine Market Size, 2017-2028

6.5.4 France ?-Alanine Market Size, 2017-2028

6.5.5 U.K. ?-Alanine Market Size, 2017-2028

6.5.6 Italy ?-Alanine Market Size, 2017-2028

6.5.7 Russia ?-Alanine Market Size, 2017-2028

6.5.8 Nordic Countries ?-Alanine Market Size, 2017-2028

6.5.9 Benelux ?-Alanine Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia ?-Alanine Revenue, 2017-2028

6.6.2 By Region - Asia ?-Alanine Sales, 2017-2028

6.6.3 China ?-Alanine Market Size, 2017-2028

6.6.4 Japan ?-Alanine Market Size, 2017-2028

6.6.5 South Korea ?-Alanine Market Size, 2017-2028

6.6.6 Southeast Asia ?-Alanine Market Size, 2017-2028

6.6.7 India ?-Alanine Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America ?-Alanine Revenue, 2017-2028

6.7.2 By Country - South America ?-Alanine Sales, 2017-2028

6.7.3 Brazil ?-Alanine Market Size, 2017-2028

6.7.4 Argentina ?-Alanine Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa ?-Alanine Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa ?-Alanine Sales, 2017-2028

6.8.3 Turkey ?-Alanine Market Size, 2017-2028

6.8.4 Israel ?-Alanine Market Size, 2017-2028

6.8.5 Saudi Arabia ?-Alanine Market Size, 2017-2028

6.8.6 UAE ?-Alanine Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Yifan Pharmaceutical

- 7.1.1 Yifan Pharmaceutical Corporate Summary
- 7.1.2 Yifan Pharmaceutical Business Overview
- 7.1.3 Yifan Pharmaceutical ?-Alanine Major Product Offerings
- 7.1.4 Yifan Pharmaceutical ?-Alanine Sales and Revenue in Global (2017-2022)
- 7.1.5 Yifan Pharmaceutical Key News

7.2 Xinfu Pharmaceutical

- 7.2.1 Xinfu Pharmaceutical Corporate Summary
- 7.2.2 Xinfu Pharmaceutical Business Overview
- 7.2.3 Xinfu Pharmaceutical ?-Alanine Major Product Offerings
- 7.2.4 Xinfu Pharmaceutical ?-Alanine Sales and Revenue in Global (2017-2022)
- 7.2.5 Xinfu Pharmaceutical Key News

7.3 Huachen Biological

- 7.3.1 Huachen Biological Corporate Summary
- 7.3.2 Huachen Biological Business Overview
- 7.3.3 Huachen Biological ?-Alanine Major Product Offerings
- 7.3.4 Huachen Biological ?-Alanine Sales and Revenue in Global (2017-2022)
- 7.3.5 Huachen Biological Key News

7.4 Yuki Gosei Kogyo

- 7.4.1 Yuki Gosei Kogyo Corporate Summary
- 7.4.2 Yuki Gosei Kogyo Business Overview
- 7.4.3 Yuki Gosei Kogyo ?-Alanine Major Product Offerings
- 7.4.4 Yuki Gosei Kogyo ?-Alanine Sales and Revenue in Global (2017-2022)
- 7.4.5 Yuki Gosei Kogyo Key News

7.5 DSM

- 7.5.1 DSM Corporate Summary
- 7.5.2 DSM Business Overview
- 7.5.3 DSM ?-Alanine Major Product Offerings
- 7.5.4 DSM ?-Alanine Sales and Revenue in Global (2017-2022)
- 7.5.5 DSM Key News

7.6 Anhui Huaheng Biological

- 7.6.1 Anhui Huaheng Biological Corporate Summary
- 7.6.2 Anhui Huaheng Biological Business Overview
- 7.6.3 Anhui Huaheng Biological ?-Alanine Major Product Offerings
- 7.6.4 Anhui Huaheng Biological ?-Alanine Sales and Revenue in Global (2017-2022)
- 7.6.5 Anhui Huaheng Biological Key News

7.7 Dalian Wondersun Chemical

- 7.7.1 Dalian Wondersun Chemical Corporate Summary
- 7.7.2 Dalian Wondersun Chemical Business Overview
- 7.7.3 Dalian Wondersun Chemical ?-Alanine Major Product Offerings
- 7.7.4 Dalian Wondersun Chemical ?-Alanine Sales and Revenue in Global (2017-2022)
- 7.7.5 Dalian Wondersun Chemical Key News
- 7.8 Brother Enterprises Holding
 - 7.8.1 Brother Enterprises Holding Corporate Summary
 - 7.8.2 Brother Enterprises Holding Business Overview
 - 7.8.3 Brother Enterprises Holding ?-Alanine Major Product Offerings
 - 7.8.4 Brother Enterprises Holding ?-Alanine Sales and Revenue in Global (2017-2022)
 - 7.8.5 Brother Enterprises Holding Key News
- 7.9 Shandong Yangcheng Biotech
 - 7.9.1 Shandong Yangcheng Biotech Corporate Summary
 - 7.9.2 Shandong Yangcheng Biotech Business Overview
 - 7.9.3 Shandong Yangcheng Biotech ?-Alanine Major Product Offerings
 - 7.9.4 Shandong Yangcheng Biotech ?-Alanine Sales and Revenue in Global (2017-2022)
 - 7.9.5 Shandong Yangcheng Biotech Key News

8 GLOBAL ?-ALANINE PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global ?-Alanine Production Capacity, 2017-2028
- 8.2 ?-Alanine Production Capacity of Key Manufacturers in Global Market
- 8.3 Global ?-Alanine 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 ?-ALANINE SUPPLY CHAIN ANALYSIS

- 10.1 ?-Alanine Industry Value Chain
- 10.2 ?-Alanine Upstream Market
- 10.3 ?-Alanine Downstream and Clients
- 10.4 Marketing Channels Analysis
 - 10.4.1 Marketing Channels

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

Table 34. By Region - Asia ?-Alanine Revenue, (US\$, Mn), 2017-2022
Table 35. By Region - Asia ?-Alanine Revenue, (US\$, Mn), 2023-2028
Table 36. By Region - Asia ?-Alanine Sales, (MT), 2017-2022
Table 37. By Region - Asia ?-Alanine Sales, (MT), 2023-2028
Table 38. By Country - South America ?-Alanine Revenue, (US\$, Mn), 2017-2022
Table 39. By Country - South America ?-Alanine Revenue, (US\$, Mn), 2023-2028
Table 40. By Country - South America ?-Alanine Sales, (MT), 2017-2022
Table 41. By Country - South America ?-Alanine Sales, (MT), 2023-2028
Table 42. By Country - Middle East & Africa ?-Alanine Revenue, (US\$, Mn), 2017-2022
Table 43. By Country - Middle East & Africa ?-Alanine Revenue, (US\$, Mn), 2023-2028
Table 44. By Country - Middle East & Africa ?-Alanine Sales, (MT), 2017-2022
Table 45. By Country - Middle East & Africa ?-Alanine Sales, (MT), 2023-2028
Table 46. Yifan Pharmaceutical Corporate Summary
Table 47. Yifan Pharmaceutical ?-Alanine Product Offerings
Table 48. Yifan Pharmaceutical ?-Alanine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 49. Xinfu Pharmaceutical Corporate Summary
Table 50. Xinfu Pharmaceutical ?-Alanine Product Offerings
Table 51. Xinfu Pharmaceutical ?-Alanine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 52. Huachen Biological Corporate Summary
Table 53. Huachen Biological ?-Alanine Product Offerings
Table 54. Huachen Biological ?-Alanine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 55. Yuki Gosei Kogyo Corporate Summary
Table 56. Yuki Gosei Kogyo ?-Alanine Product Offerings
Table 57. Yuki Gosei Kogyo ?-Alanine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 58. DSM Corporate Summary
Table 59. DSM ?-Alanine Product Offerings
Table 60. DSM ?-Alanine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 61. Anhui Huaheng Biological Corporate Summary
Table 62. Anhui Huaheng Biological ?-Alanine Product Offerings
Table 63. Anhui Huaheng Biological ?-Alanine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
Table 64. Dalian Wondersun Chemical Corporate Summary
Table 65. Dalian Wondersun Chemical ?-Alanine Product Offerings
Table 66. Dalian Wondersun Chemical ?-Alanine Sales (MT), Revenue (US\$, Mn) and

Average Price (USD/MT) (2017-2022)

Table 67. Brother Enterprises Holding Corporate Summary

Table 68. Brother Enterprises Holding L-Alanine Product Offerings

Table 69. Brother Enterprises Holding L-Alanine Sales (MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 70. Shandong Yangcheng Biotech Corporate Summary

Table 71. Shandong Yangcheng Biotech L-Alanine Product Offerings

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

Table 73. L-Alanine Production Capacity (MT) of Key Manufacturers in Global Market, 2020-2022 (MT)

Table 74. Global L-Alanine Capacity Market Share of Key Manufacturers, 2020-2022

Table 75. Global L-Alanine Production by Region, 2017-2022 (MT)

Table 76. Global L-Alanine Production by Region, 2023-2028 (MT)

Table 77. L-Alanine Market Opportunities & Trends in Global Market

Table 78. L-Alanine Market Drivers in Global Market

Table 79. L-Alanine Market Restraints in Global Market

Table 80. L-Alanine Raw Materials

Table 81. L-Alanine Raw Materials Suppliers in Global Market

Table 82. Typical L-Alanine Downstream

Table 83. L-Alanine Downstream Clients in Global Market

Table 84. L-Alanine Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. ?-Alanine Segment by Type
- Figure 2. ?-Alanine Segment by Application
- Figure 3. Global ?-Alanine Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Global ?-Alanine Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global ?-Alanine Revenue, 2017-2028 (US\$, Mn)
- Figure 7. ?-Alanine Sales in Global Market: 2017-2028 (MT)
- Figure 8. The Top 3 and 5 Players Market Share by ?-Alanine Revenue in 2021
- Figure 9. By Type - Global ?-Alanine Sales Market Share, 2017-2028
- Figure 10. By Type - Global ?-Alanine Revenue Market Share, 2017-2028
- Figure 11. By Type - Global ?-Alanine Price (USD/MT), 2017-2028
- Figure 12. By Application - Global ?-Alanine Sales Market Share, 2017-2028
- Figure 13. By Application - Global ?-Alanine Revenue Market Share, 2017-2028
- Figure 14. By Application - Global ?-Alanine Price (USD/MT), 2017-2028
- Figure 15. By Region - Global ?-Alanine Sales Market Share, 2017-2028
- Figure 16. By Region - Global ?-Alanine Revenue Market Share, 2017-2028
- Figure 17. By Country - North America ?-Alanine Revenue Market Share, 2017-2028
- Figure 18. By Country - North America ?-Alanine Sales Market Share, 2017-2028
- Figure 19. US ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe ?-Alanine Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe ?-Alanine Sales Market Share, 2017-2028
- Figure 24. Germany ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 25. France ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia ?-Alanine Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia ?-Alanine Sales Market Share, 2017-2028
- Figure 33. China ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan ?-Alanine Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea ?-Alanine Revenue, (US\$, Mn), 2017-2028

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

Figure 37. India ?-Alanine Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America ?-Alanine Revenue Market Share, 2017-2028

Figure 39. By Country - South America ?-Alanine Sales Market Share, 2017-2028

Figure 40. Brazil ?-Alanine Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina ?-Alanine Revenue, (US\$, Mn), 2017-2028

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

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

Figure 44. Turkey ?-Alanine Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel ?-Alanine Revenue, (US\$, Mn), 2017-2028

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

Figure 47. UAE ?-Alanine Revenue, (US\$, Mn), 2017-2028

Figure 48. Global ?-Alanine Production Capacity (MT), 2017-2028

Figure 49. The Percentage of Production ?-Alanine by Region, 2020 VS 2027

Figure 50. ?-Alanine Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: ?-Alanine Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/B6E7AF7BB79BEN.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/B6E7AF7BB79BEN.html>