

Z-L-Valine NCA Market, Global Outlook and Forecast 2022-2028

https://marketpublishers.com/r/Z9951CD1F138EN.html

Date: April 2022 Pages: 114 Price: US\$ 3,250.00 (Single User License) ID: Z9951CD1F138EN

Abstracts

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

Global Z-L-Valine NCA Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Z-L-Valine NCA Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Z-L-Valine NCA companies in 2021 (%)

The global Z-L-Valine NCA 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.

Artificially Synthesized Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Z-L-Valine NCA include Alfa Chemistry, Matrix Scientific, Medical Isotopes, AK Scientific, Henan DaKen Chemical, Atul, MOLEKULA, ISOCHEM and Toronto Research Chemicals, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Z-L-Valine NCA 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 Z-L-Valine NCA Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Z-L-Valine NCA Market Segment Percentages, by Type, 2021 (%)

Artificially Synthesized

Biosynthesis

Global Z-L-Valine NCA Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Z-L-Valine NCA Market Segment Percentages, by Application, 2021 (%)

Research Institutions

Chemical Companies

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

Global Z-L-Valine NCA 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 Z-L-Valine NCA revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Z-L-Valine NCA revenues share in global market, 2021 (%)

Key companies Z-L-Valine NCA sales in global market, 2017-2022 (Estimated), (K MT)

Key companies Z-L-Valine NCA sales share in global market, 2021 (%)

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

Alfa Chemistry

Matrix Scientific

Medical Isotopes

AK Scientific

Henan DaKen Chemical

Atul



MOLEKULA

ISOCHEM

Toronto Research Chemicals

Chemos GmbH

Aecochem

Shanghai YuLue Chemical

J & K SCIENTIFIC

Chemsky International

P&S Chemicals



Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Z-L-Valine NCA Market Definition
- 1.2 Market Segments
- 1.2.1 Market by Type
- 1.2.2 Market by Application
- 1.3 Global Z-L-Valine NCA 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 Z-L-VALINE NCA OVERALL MARKET SIZE

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

3 COMPANY LANDSCAPE

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

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Z-L-Valine NCA Market Size Markets, 2021 & 2028



- 4.1.2 Artificially Synthesized
- 4.1.3 Biosynthesis
- 4.2 By Type Global Z-L-Valine NCA Revenue & Forecasts
- 4.2.1 By Type Global Z-L-Valine NCA Revenue, 2017-2022
- 4.2.2 By Type Global Z-L-Valine NCA Revenue, 2023-2028
- 4.2.3 By Type Global Z-L-Valine NCA Revenue Market Share, 2017-2028
- 4.3 By Type Global Z-L-Valine NCA Sales & Forecasts
- 4.3.1 By Type Global Z-L-Valine NCA Sales, 2017-2022
- 4.3.2 By Type Global Z-L-Valine NCA Sales, 2023-2028
- 4.3.3 By Type Global Z-L-Valine NCA Sales Market Share, 2017-2028
- 4.4 By Type Global Z-L-Valine NCA Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application Global Z-L-Valine NCA Market Size, 2021 & 2028
 - 5.1.2 Research Institutions
 - 5.1.3 Chemical Companies
- 5.2 By Application Global Z-L-Valine NCA Revenue & Forecasts
- 5.2.1 By Application Global Z-L-Valine NCA Revenue, 2017-2022
- 5.2.2 By Application Global Z-L-Valine NCA Revenue, 2023-2028
- 5.2.3 By Application Global Z-L-Valine NCA Revenue Market Share, 2017-2028
- 5.3 By Application Global Z-L-Valine NCA Sales & Forecasts
- 5.3.1 By Application Global Z-L-Valine NCA Sales, 2017-2022
- 5.3.2 By Application Global Z-L-Valine NCA Sales, 2023-2028
- 5.3.3 By Application Global Z-L-Valine NCA Sales Market Share, 2017-2028

5.4 By Application - Global Z-L-Valine NCA Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

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



6.3.3 By Region - Global Z-L-Valine NCA Sales Market Share, 2017-2028 6.4 North America 6.4.1 By Country - North America Z-L-Valine NCA Revenue, 2017-2028 6.4.2 By Country - North America Z-L-Valine NCA Sales, 2017-2028 6.4.3 US Z-L-Valine NCA Market Size, 2017-2028 6.4.4 Canada Z-L-Valine NCA Market Size, 2017-2028 6.4.5 Mexico Z-L-Valine NCA Market Size, 2017-2028 6.5 Europe 6.5.1 By Country - Europe Z-L-Valine NCA Revenue, 2017-2028 6.5.2 By Country - Europe Z-L-Valine NCA Sales, 2017-2028 6.5.3 Germany Z-L-Valine NCA Market Size, 2017-2028 6.5.4 France Z-L-Valine NCA Market Size, 2017-2028 6.5.5 U.K. Z-L-Valine NCA Market Size, 2017-2028 6.5.6 Italy Z-L-Valine NCA Market Size, 2017-2028 6.5.7 Russia Z-L-Valine NCA Market Size, 2017-2028 6.5.8 Nordic Countries Z-L-Valine NCA Market Size, 2017-2028 6.5.9 Benelux Z-L-Valine NCA Market Size, 2017-2028 6.6 Asia 6.6.1 By Region - Asia Z-L-Valine NCA Revenue, 2017-2028 6.6.2 By Region - Asia Z-L-Valine NCA Sales, 2017-2028 6.6.3 China Z-L-Valine NCA Market Size, 2017-2028 6.6.4 Japan Z-L-Valine NCA Market Size, 2017-2028 6.6.5 South Korea Z-L-Valine NCA Market Size, 2017-2028 6.6.6 Southeast Asia Z-L-Valine NCA Market Size, 2017-2028 6.6.7 India Z-L-Valine NCA Market Size, 2017-2028 6.7 South America 6.7.1 By Country - South America Z-L-Valine NCA Revenue, 2017-2028 6.7.2 By Country - South America Z-L-Valine NCA Sales, 2017-2028 6.7.3 Brazil Z-L-Valine NCA Market Size, 2017-2028 6.7.4 Argentina Z-L-Valine NCA Market Size, 2017-2028 6.8 Middle East & Africa 6.8.1 By Country - Middle East & Africa Z-L-Valine NCA Revenue, 2017-2028 6.8.2 By Country - Middle East & Africa Z-L-Valine NCA Sales, 2017-2028 6.8.3 Turkey Z-L-Valine NCA Market Size, 2017-2028 6.8.4 Israel Z-L-Valine NCA Market Size, 2017-2028 6.8.5 Saudi Arabia Z-L-Valine NCA Market Size, 2017-2028 6.8.6 UAE Z-L-Valine NCA Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES



7.1 Alfa Chemistry

- 7.1.1 Alfa Chemistry Corporate Summary
- 7.1.2 Alfa Chemistry Business Overview
- 7.1.3 Alfa Chemistry Z-L-Valine NCA Major Product Offerings
- 7.1.4 Alfa Chemistry Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.1.5 Alfa Chemistry Key News

7.2 Matrix Scientific

- 7.2.1 Matrix Scientific Corporate Summary
- 7.2.2 Matrix Scientific Business Overview
- 7.2.3 Matrix Scientific Z-L-Valine NCA Major Product Offerings
- 7.2.4 Matrix Scientific Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.2.5 Matrix Scientific Key News
- 7.3 Medical Isotopes
 - 7.3.1 Medical Isotopes Corporate Summary
 - 7.3.2 Medical Isotopes Business Overview
- 7.3.3 Medical Isotopes Z-L-Valine NCA Major Product Offerings
- 7.3.4 Medical Isotopes Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.3.5 Medical Isotopes Key News
- 7.4 AK Scientific
- 7.4.1 AK Scientific Corporate Summary
- 7.4.2 AK Scientific Business Overview
- 7.4.3 AK Scientific Z-L-Valine NCA Major Product Offerings
- 7.4.4 AK Scientific Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.4.5 AK Scientific Key News
- 7.5 Henan DaKen Chemical
- 7.5.1 Henan DaKen Chemical Corporate Summary
- 7.5.2 Henan DaKen Chemical Business Overview
- 7.5.3 Henan DaKen Chemical Z-L-Valine NCA Major Product Offerings
- 7.5.4 Henan DaKen Chemical Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.5.5 Henan DaKen Chemical Key News
- 7.6 Atul
- 7.6.1 Atul Corporate Summary
- 7.6.2 Atul Business Overview
- 7.6.3 Atul Z-L-Valine NCA Major Product Offerings
- 7.6.4 Atul Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.6.5 Atul Key News
- 7.7 MOLEKULA



- 7.7.1 MOLEKULA Corporate Summary
- 7.7.2 MOLEKULA Business Overview
- 7.7.3 MOLEKULA Z-L-Valine NCA Major Product Offerings
- 7.7.4 MOLEKULA Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.7.5 MOLEKULA Key News
- 7.8 ISOCHEM
 - 7.8.1 ISOCHEM Corporate Summary
 - 7.8.2 ISOCHEM Business Overview
- 7.8.3 ISOCHEM Z-L-Valine NCA Major Product Offerings
- 7.8.4 ISOCHEM Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.8.5 ISOCHEM Key News
- 7.9 Toronto Research Chemicals
- 7.9.1 Toronto Research Chemicals Corporate Summary
- 7.9.2 Toronto Research Chemicals Business Overview
- 7.9.3 Toronto Research Chemicals Z-L-Valine NCA Major Product Offerings
- 7.9.4 Toronto Research Chemicals Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.9.5 Toronto Research Chemicals Key News
- 7.10 Chemos GmbH
 - 7.10.1 Chemos GmbH Corporate Summary
 - 7.10.2 Chemos GmbH Business Overview
 - 7.10.3 Chemos GmbH Z-L-Valine NCA Major Product Offerings
 - 7.10.4 Chemos GmbH Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
 - 7.10.5 Chemos GmbH Key News

7.11 Aecochem

- 7.11.1 Aecochem Corporate Summary
- 7.11.2 Aecochem Z-L-Valine NCA Business Overview
- 7.11.3 Aecochem Z-L-Valine NCA Major Product Offerings
- 7.11.4 Aecochem Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.11.5 Aecochem Key News
- 7.12 Shanghai YuLue Chemical
 - 7.12.1 Shanghai YuLue Chemical Corporate Summary
 - 7.12.2 Shanghai YuLue Chemical Z-L-Valine NCA Business Overview
 - 7.12.3 Shanghai YuLue Chemical Z-L-Valine NCA Major Product Offerings
- 7.12.4 Shanghai YuLue Chemical Z-L-Valine NCA Sales and Revenue in Global (2017-2022)
- 7.12.5 Shanghai YuLue Chemical Key News
- 7.13 J & K SCIENTIFIC
- 7.13.1 J & K SCIENTIFIC Corporate Summary



7.13.2 J & K SCIENTIFIC Z-L-Valine NCA Business Overview

7.13.3 J & K SCIENTIFIC Z-L-Valine NCA Major Product Offerings

7.13.4 J & K SCIENTIFIC Z-L-Valine NCA Sales and Revenue in Global (2017-2022)

7.13.5 J & K SCIENTIFIC Key News

7.14 Chemsky International

7.14.1 Chemsky International Corporate Summary

7.14.2 Chemsky International Business Overview

7.14.3 Chemsky International Z-L-Valine NCA Major Product Offerings

7.14.4 Chemsky International Z-L-Valine NCA Sales and Revenue in Global (2017-2022)

7.14.5 Chemsky International Key News

7.15 P&S Chemicals

7.15.1 P&S Chemicals Corporate Summary

7.15.2 P&S Chemicals Business Overview

7.15.3 P&S Chemicals Z-L-Valine NCA Major Product Offerings

7.15.4 P&S Chemicals Z-L-Valine NCA Sales and Revenue in Global (2017-2022)

7.15.5 P&S Chemicals Key News

8 GLOBAL Z-L-VALINE NCA PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global Z-L-Valine NCA Production Capacity, 2017-2028
- 8.2 Z-L-Valine NCA Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Z-L-Valine NCA 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 Z-L-VALINE NCA SUPPLY CHAIN ANALYSIS

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



Table 34. By Region - Asia Z-L-Valine NCA Revenue, (US\$, Mn), 2017-2022 Table 35. By Region - Asia Z-L-Valine NCA Revenue, (US\$, Mn), 2023-2028 Table 36. By Region - Asia Z-L-Valine NCA Sales, (K MT), 2017-2022 Table 37. By Region - Asia Z-L-Valine NCA Sales, (K MT), 2023-2028 Table 38. By Country - South America Z-L-Valine NCA Revenue, (US\$, Mn), 2017-2022 Table 39. By Country - South America Z-L-Valine NCA Revenue, (US\$, Mn), 2023-2028 Table 40. By Country - South America Z-L-Valine NCA Sales, (K MT), 2017-2022 Table 41. By Country - South America Z-L-Valine NCA Sales, (K MT), 2023-2028 Table 42. By Country - Middle East & Africa Z-L-Valine NCA Revenue, (US\$, Mn), 2017-2022 Table 43. By Country - Middle East & Africa Z-L-Valine NCA Revenue, (US\$, Mn), 2023-2028 Table 44. By Country - Middle East & Africa Z-L-Valine NCA Sales, (K MT), 2017-2022 Table 45. By Country - Middle East & Africa Z-L-Valine NCA Sales, (K MT), 2023-2028 Table 46. Alfa Chemistry Corporate Summary Table 47. Alfa Chemistry Z-L-Valine NCA Product Offerings Table 48. Alfa Chemistry Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022) Table 49. Matrix Scientific Corporate Summary Table 50. Matrix Scientific Z-L-Valine NCA Product Offerings Table 51. Matrix Scientific Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022) Table 52. Medical Isotopes Corporate Summary Table 53. Medical Isotopes Z-L-Valine NCA Product Offerings Table 54. Medical Isotopes Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022) Table 55. AK Scientific Corporate Summary Table 56. AK Scientific Z-L-Valine NCA Product Offerings Table 57. AK Scientific Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022) Table 58. Henan DaKen Chemical Corporate Summary Table 59. Henan DaKen Chemical Z-L-Valine NCA Product Offerings Table 60. Henan DaKen Chemical Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022) Table 61. Atul Corporate Summary Table 62. Atul Z-L-Valine NCA Product Offerings Table 63. Atul Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022) Table 64. MOLEKULA Corporate Summary



Table 65. MOLEKULA Z-L-Valine NCA Product Offerings

Table 66. MOLEKULA Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 67. ISOCHEM Corporate Summary

Table 68. ISOCHEM Z-L-Valine NCA Product Offerings

Table 69. ISOCHEM Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 70. Toronto Research Chemicals Corporate Summary

Table 71. Toronto Research Chemicals Z-L-Valine NCA Product Offerings

Table 72. Toronto Research Chemicals Z-L-Valine NCA Sales (K MT), Revenue (US\$,

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

Table 73. Chemos GmbH Corporate Summary

Table 74. Chemos GmbH Z-L-Valine NCA Product Offerings

Table 75. Chemos GmbH Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 76. Aecochem Corporate Summary

Table 77. Aecochem Z-L-Valine NCA Product Offerings

Table 78. Aecochem Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 79. Shanghai YuLue Chemical Corporate Summary

Table 80. Shanghai YuLue Chemical Z-L-Valine NCA Product Offerings

Table 81. Shanghai YuLue Chemical Z-L-Valine NCA Sales (K MT), Revenue (US\$,

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

Table 82. J & K SCIENTIFIC Corporate Summary

Table 83. J & K SCIENTIFIC Z-L-Valine NCA Product Offerings

Table 84. J & K SCIENTIFIC Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 85. Chemsky International Corporate Summary

Table 86. Chemsky International Z-L-Valine NCA Product Offerings

Table 87. Chemsky International Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 88. P&S Chemicals Corporate Summary

Table 89. P&S Chemicals Z-L-Valine NCA Product Offerings

Table 90. P&S Chemicals Z-L-Valine NCA Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 91. Z-L-Valine NCA Production Capacity (K MT) of Key Manufacturers in Global Market, 2020-2022 (K MT)

Table 92. Global Z-L-Valine NCA Capacity Market Share of Key Manufacturers, 2020-2022



Table 93. Global Z-L-Valine NCA Production by Region, 2017-2022 (K MT)

Table 94. Global Z-L-Valine NCA Production by Region, 2023-2028 (K MT)

Table 95. Z-L-Valine NCA Market Opportunities & Trends in Global Market

Table 96. Z-L-Valine NCA Market Drivers in Global Market

Table 97. Z-L-Valine NCA Market Restraints in Global Market

Table 98. Z-L-Valine NCA Raw Materials

Table 99. Z-L-Valine NCA Raw Materials Suppliers in Global Market

Table 100. Typical Z-L-Valine NCA Downstream

Table 101. Z-L-Valine NCA Downstream Clients in Global Market

Table 102. Z-L-Valine NCA Distributors and Sales Agents in Global Market



List Of Figures

LIST OF FIGURES

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



Figure 35. South Korea Z-L-Valine NCA Revenue, (US\$, Mn), 2017-2028

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

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

Figure 38. By Country - South America Z-L-Valine NCA Revenue Market Share,

2017-2028

Figure 39. By Country - South America Z-L-Valine NCA Sales Market Share, 2017-2028

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

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

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

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

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

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

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

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

Figure 48. Global Z-L-Valine NCA Production Capacity (K MT), 2017-2028

Figure 49. The Percentage of Production Z-L-Valine NCA by Region, 2021 VS 2028

Figure 50. Z-L-Valine NCA Industry Value Chain

Figure 51. Marketing Channels



I would like to order

Product name: Z-L-Valine NCA Market, Global Outlook and Forecast 2022-2028 Product link: <u>https://marketpublishers.com/r/Z9951CD1F138EN.html</u> Price: US\$ 3,250.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact o

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 <u>https://marketpublishers.com/r/Z9951CD1F138EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970