

Global 5-ALA Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global 5-ALA market size is expected to reach \$ 409 million by 2032, rising at a market growth of 7.8% CAGR during the forecast period (2026-2032).

5-Aminolevulinic acid, an endogenous non-proteinogenic amino acid, is the first compound in the porphyrin synthesis pathway, the pathway that leads to heme in mammals, as well as chlorophyll in plants. 5ALA is used in photodynamic detection and surgery of cancer.

The classification of 5-ALA includes Purity 98%, Purity 95% and Others, and the proportion of Purity 98% is 64%. 5-Aminolevulinic Acid is usually in a free state, and its shape is not stable. It is mostly sold in the form of 5-ALA hydrochloride or 5-ALA phosphate in the market.

The product used in the agricultural field is usually 5-ALA hydrochloride, and its price is low. The price of 5-ALA phosphate products is relatively high, and it can be used in food, medicine, nutritional supplements, cosmetics, etc., and its use is more extensive. 5-ALA is widely used in Agriculture, Medicine, Chemicals for Daily Use and Others. The most proportion of 5-ALA is for Medicine, and the proportion is 61%.

Asia-Pacific is the largest consumption region, with a market share 59%.

This report studies the global 5-ALA production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 5-ALA and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as

details the characteristics of 5-ALA that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 5-ALA total production and demand, 2021-2032, (Kg)

Global 5-ALA total production value, 2021-2032, (USD Million)

Global 5-ALA production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (kg), (based on production site)

Global 5-ALA consumption by region & country, CAGR, 2021-2032 & (kg)

U.S. VS China: 5-ALA domestic production, consumption, key domestic manufacturers and share

Global 5-ALA production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kg)

Global 5-ALA production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kg)

Global 5-ALA production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kg)

This report profiles key players in the global 5-ALA market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SBI Pharmaceuticals, Neopharma, Medac, Midas Pharma, Sobeo Biotech, Xinlian Biochemical, NMT Biotech, Natural Field, Fudan-Zhangjiang, Harworld, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World 5-ALA market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (kg) and average price (US\$/g) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global 5-ALA Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global 5-ALA Market, Segmentation by Type:

Purity 98%

Purity 95%

Others

Global 5-ALA Market, Segmentation by Application:

Agriculture

Medicine

Chemicals for Daily Use

Others

Companies Profiled:

SBI Pharmaceuticals

Neopharma

Medac

Midas Pharma

Sobeo Biotech

Xinlian Biochemical

NMT Biotech

Natural Field

Fudan-Zhangjiang

Harworld

East Star Biotech

Key Questions Answered:

1. How big is the global 5-ALA market?
2. What is the demand of the global 5-ALA market?
3. What is the year over year growth of the global 5-ALA market?
4. What is the production and production value of the global 5-ALA market?
5. Who are the key producers in the global 5-ALA market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 SCADA Introduction
- 1.2 World SCADA Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World SCADA Total Market by Region (by Headquarter Location)
 - 1.3.1 World SCADA Market Size by Region (2021-2032), (by Headquarter Location)
 - 1.3.2 United States Based Company SCADA Revenue (2021-2032)
 - 1.3.3 China Based Company SCADA Revenue (2021-2032)
 - 1.3.4 Europe Based Company SCADA Revenue (2021-2032)
 - 1.3.5 Japan Based Company SCADA Revenue (2021-2032)
 - 1.3.6 South Korea Based Company SCADA Revenue (2021-2032)
 - 1.3.7 ASEAN Based Company SCADA Revenue (2021-2032)
 - 1.3.8 India Based Company SCADA Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 SCADA Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Major Market Trends

2 DEMAND SUMMARY

- 2.1 World SCADA Consumption Value (2021-2032)
- 2.2 World SCADA Consumption Value by Region
 - 2.2.1 World SCADA Consumption Value by Region (2021-2026)
 - 2.2.2 World SCADA Consumption Value Forecast by Region (2027-2032)
- 2.3 United States SCADA Consumption Value (2021-2032)
- 2.4 China SCADA Consumption Value (2021-2032)
- 2.5 Europe SCADA Consumption Value (2021-2032)
- 2.6 Japan SCADA Consumption Value (2021-2032)
- 2.7 South Korea SCADA Consumption Value (2021-2032)
- 2.8 ASEAN SCADA Consumption Value (2021-2032)
- 2.9 India SCADA Consumption Value (2021-2032)

3 WORLD SCADA COMPANIES COMPETITIVE ANALYSIS

- 3.1 World SCADA Revenue by Player (2021-2026)
- 3.2 Industry Rank and Concentration Rate (CR)
 - 3.2.1 Global SCADA Industry Rank of Major Players

- 3.2.2 Global Concentration Ratios (CR4) for SCADA in 2025
- 3.2.3 Global Concentration Ratios (CR8) for SCADA in 2025
- 3.3 SCADA Company Evaluation Quadrant
- 3.4 SCADA Market: Overall Company Footprint Analysis
 - 3.4.1 SCADA Market: Region Footprint
 - 3.4.2 SCADA Market: Company Product Type Footprint
 - 3.4.3 SCADA Market: Company Product Application Footprint
- 3.5 Competitive Environment
 - 3.5.1 Historical Structure of the Industry
 - 3.5.2 Barriers of Market Entry
 - 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

- 4.1 United States VS China: SCADA Revenue Comparison (by Headquarter Location)
 - 4.1.1 United States VS China: SCADA Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
 - 4.1.2 United States VS China: SCADA Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: SCADA Consumption Value Comparison
 - 4.2.1 United States VS China: SCADA Consumption Value Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: SCADA Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States Based SCADA Companies and Market Share, 2021-2026
 - 4.3.1 United States Based SCADA Companies, Headquarters (States, Country)
 - 4.3.2 United States Based Companies SCADA Revenue, (2021-2026)
- 4.4 China Based Companies SCADA Revenue and Market Share, 2021-2026
 - 4.4.1 China Based SCADA Companies, Company Headquarters (Province, Country)
 - 4.4.2 China Based Companies SCADA Revenue, (2021-2026)
- 4.5 Rest of World Based SCADA Companies and Market Share, 2021-2026
 - 4.5.1 Rest of World Based SCADA Companies, Headquarters (Province, Country)
 - 4.5.2 Rest of World Based Companies SCADA Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World SCADA Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Hardware

5.2.2 Software

5.2.3 Services

5.3 Market Segment by Type

5.3.1 World SCADA Market Size by Type (2021-2026)

5.3.2 World SCADA Market Size by Type (2027-2032)

5.3.3 World SCADA Market Size Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY APPLICATION

6.1 World SCADA Market Size Overview by Application: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application

6.2.1 Power & Energy

6.2.2 Oil & Gas Industry

6.2.3 Water & Waste Control

6.2.4 Telecommunications

6.2.5 Transportation

6.2.6 Manufacturing Industry

6.2.7 Others

6.3 Market Segment by Application

6.3.1 World SCADA Market Size by Application (2021-2026)

6.3.2 World SCADA Market Size by Application (2027-2032)

6.3.3 World SCADA Market Size Market Share by Application (2021-2032)

7 COMPANY PROFILES

7.1 Schneider Electric SE (France)

7.1.1 Schneider Electric SE (France) Details

7.1.2 Schneider Electric SE (France) Major Business

7.1.3 Schneider Electric SE (France) SCADA Product and Services

7.1.4 Schneider Electric SE (France) SCADA Revenue, Gross Margin and Market Share (2021-2026)

7.1.5 Schneider Electric SE (France) Recent Developments/Updates

7.1.6 Schneider Electric SE (France) Competitive Strengths & Weaknesses

7.2 ABB (Switzerland)

7.2.1 ABB (Switzerland) Details

7.2.2 ABB (Switzerland) Major Business

- 7.2.3 ABB (Switzerland) SCADA Product and Services
- 7.2.4 ABB (Switzerland) SCADA Revenue, Gross Margin and Market Share (2021-2026)
- 7.2.5 ABB (Switzerland) Recent Developments/Updates
- 7.2.6 ABB (Switzerland) Competitive Strengths & Weaknesses
- 7.3 Siemens AG (Germany)
 - 7.3.1 Siemens AG (Germany) Details
 - 7.3.2 Siemens AG (Germany) Major Business
 - 7.3.3 Siemens AG (Germany) SCADA Product and Services
 - 7.3.4 Siemens AG (Germany) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.3.5 Siemens AG (Germany) Recent Developments/Updates
 - 7.3.6 Siemens AG (Germany) Competitive Strengths & Weaknesses
- 7.4 Emerson (US)
 - 7.4.1 Emerson (US) Details
 - 7.4.2 Emerson (US) Major Business
 - 7.4.3 Emerson (US) SCADA Product and Services
 - 7.4.4 Emerson (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.4.5 Emerson (US) Recent Developments/Updates
 - 7.4.6 Emerson (US) Competitive Strengths & Weaknesses
- 7.5 Rockwell Automation Inc. (US)
 - 7.5.1 Rockwell Automation Inc. (US) Details
 - 7.5.2 Rockwell Automation Inc. (US) Major Business
 - 7.5.3 Rockwell Automation Inc. (US) SCADA Product and Services
 - 7.5.4 Rockwell Automation Inc. (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.5.5 Rockwell Automation Inc. (US) Recent Developments/Updates
 - 7.5.6 Rockwell Automation Inc. (US) Competitive Strengths & Weaknesses
- 7.6 Honeywell International Inc. (US)
 - 7.6.1 Honeywell International Inc. (US) Details
 - 7.6.2 Honeywell International Inc. (US) Major Business
 - 7.6.3 Honeywell International Inc. (US) SCADA Product and Services
 - 7.6.4 Honeywell International Inc. (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.6.5 Honeywell International Inc. (US) Recent Developments/Updates
 - 7.6.6 Honeywell International Inc. (US) Competitive Strengths & Weaknesses
- 7.7 Mitsubishi Electric (Japan)
 - 7.7.1 Mitsubishi Electric (Japan) Details
 - 7.7.2 Mitsubishi Electric (Japan) Major Business

- 7.7.3 Mitsubishi Electric (Japan) SCADA Product and Services
- 7.7.4 Mitsubishi Electric (Japan) SCADA Revenue, Gross Margin and Market Share (2021-2026)
- 7.7.5 Mitsubishi Electric (Japan) Recent Developments/Updates
- 7.7.6 Mitsubishi Electric (Japan) Competitive Strengths & Weaknesses
- 7.8 Omron Corporation (Japan)
 - 7.8.1 Omron Corporation (Japan) Details
 - 7.8.2 Omron Corporation (Japan) Major Business
 - 7.8.3 Omron Corporation (Japan) SCADA Product and Services
 - 7.8.4 Omron Corporation (Japan) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.8.5 Omron Corporation (Japan) Recent Developments/Updates
 - 7.8.6 Omron Corporation (Japan) Competitive Strengths & Weaknesses
- 7.9 General Electric Co. (US)
 - 7.9.1 General Electric Co. (US) Details
 - 7.9.2 General Electric Co. (US) Major Business
 - 7.9.3 General Electric Co. (US) SCADA Product and Services
 - 7.9.4 General Electric Co. (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.9.5 General Electric Co. (US) Recent Developments/Updates
 - 7.9.6 General Electric Co. (US) Competitive Strengths & Weaknesses
- 7.10 Yokogawa Electric Corporation (Japan)
 - 7.10.1 Yokogawa Electric Corporation (Japan) Details
 - 7.10.2 Yokogawa Electric Corporation (Japan) Major Business
 - 7.10.3 Yokogawa Electric Corporation (Japan) SCADA Product and Services
 - 7.10.4 Yokogawa Electric Corporation (Japan) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.10.5 Yokogawa Electric Corporation (Japan) Recent Developments/Updates
 - 7.10.6 Yokogawa Electric Corporation (Japan) Competitive Strengths & Weaknesses
- 7.11 Larsen & Toubro (India)
 - 7.11.1 Larsen & Toubro (India) Details
 - 7.11.2 Larsen & Toubro (India) Major Business
 - 7.11.3 Larsen & Toubro (India) SCADA Product and Services
 - 7.11.4 Larsen & Toubro (India) SCADA Revenue, Gross Margin and Market Share (2021-2026)
 - 7.11.5 Larsen & Toubro (India) Recent Developments/Updates
 - 7.11.6 Larsen & Toubro (India) Competitive Strengths & Weaknesses
- 7.12 M.B. Control & Systems Pvt. Ltd (India)
 - 7.12.1 M.B. Control & Systems Pvt. Ltd (India) Details

- 7.12.2 M.B. Control & Systems Pvt. Ltd (India) Major Business
- 7.12.3 M.B. Control & Systems Pvt. Ltd (India) SCADA Product and Services
- 7.12.4 M.B. Control & Systems Pvt. Ltd (India) SCADA Revenue, Gross Margin and Market Share (2021-2026)
- 7.12.5 M.B. Control & Systems Pvt. Ltd (India) Recent Developments/Updates
- 7.12.6 M.B. Control & Systems Pvt. Ltd (India) Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 SCADA Industry Chain
- 8.2 SCADA Upstream Analysis
- 8.3 SCADA Midstream Analysis
- 8.4 SCADA Downstream Analysis

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World 5-ALA Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World 5-ALA Production Value by Region (2021-2026) & (USD Million)

Table 3. World 5-ALA Production Value by Region (2027-2032) & (USD Million)

Table 4. World 5-ALA Production Value Market Share by Region (2021-2026)

Table 5. World 5-ALA Production Value Market Share by Region (2027-2032)

Table 6. World 5-ALA Production by Region (2021-2026) & (kg)

Table 7. World 5-ALA Production by Region (2027-2032) & (kg)

Table 8. World 5-ALA Production Market Share by Region (2021-2026)

Table 9. World 5-ALA Production Market Share by Region (2027-2032)

Table 10. World 5-ALA Average Price by Region (2021-2026) & (US\$/g)

Table 11. World 5-ALA Average Price by Region (2027-2032) & (US\$/g)

Table 12. 5-ALA Major Market Trends

Table 13. World 5-ALA Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (kg)

Table 14. World 5-ALA Consumption by Region (2021-2026) & (kg)

Table 15. World 5-ALA Consumption Forecast by Region (2027-2032) & (kg)

Table 16. World 5-ALA Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key 5-ALA Producers in 2025

Table 18. World 5-ALA Production by Manufacturer (2021-2026) & (kg)

Table 19. Production Market Share of Key 5-ALA Producers in 2025

Table 20. World 5-ALA Average Price by Manufacturer (2021-2026) & (US\$/g)

Table 21. Global 5-ALA Company Evaluation Quadrant

Table 22. World 5-ALA Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and 5-ALA Production Site of Key Manufacturer

Table 24. 5-ALA Market: Company Product Type Footprint

Table 25. 5-ALA Market: Company Product Application Footprint

Table 26. 5-ALA Competitive Factors

Table 27. 5-ALA New Entrant and Capacity Expansion Plans

Table 28. 5-ALA Mergers & Acquisitions Activity

Table 29. United States VS China 5-ALA Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China 5-ALA Production Comparison, (2021 & 2025 & 2032) & (kg)

Table 31. United States VS China 5-ALA Consumption Comparison, (2021 & 2025 & 2032) & (kg)

Table 32. United States Based 5-ALA Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers 5-ALA Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers 5-ALA Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers 5-ALA Production (2021-2026) & (kg)

Table 36. United States Based Manufacturers 5-ALA Production Market Share (2021-2026)

Table 37. China Based 5-ALA Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers 5-ALA Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers 5-ALA Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers 5-ALA Production, (2021-2026) & (kg)

Table 41. China Based Manufacturers 5-ALA Production Market Share (2021-2026)

Table 42. Rest of World Based 5-ALA Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers 5-ALA Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers 5-ALA Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers 5-ALA Production, (2021-2026) & (kg)

Table 46. Rest of World Based Manufacturers 5-ALA Production Market Share (2021-2026)

Table 47. World 5-ALA Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World 5-ALA Production by Type (2021-2026) & (kg)

Table 49. World 5-ALA Production by Type (2027-2032) & (kg)

Table 50. World 5-ALA Production Value by Type (2021-2026) & (USD Million)

Table 51. World 5-ALA Production Value by Type (2027-2032) & (USD Million)

Table 52. World 5-ALA Average Price by Type (2021-2026) & (US\$/g)

Table 53. World 5-ALA Average Price by Type (2027-2032) & (US\$/g)

Table 54. World 5-ALA Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 55. World 5-ALA Production by Application (2021-2026) & (kg)

Table 56. World 5-ALA Production by Application (2027-2032) & (kg)

- Table 57. World 5-ALA Production Value by Application (2021-2026) & (USD Million)
- Table 58. World 5-ALA Production Value by Application (2027-2032) & (USD Million)
- Table 59. World 5-ALA Average Price by Application (2021-2026) & (US\$/g)
- Table 60. World 5-ALA Average Price by Application (2027-2032) & (US\$/g)
- Table 61. SBI Pharmaceuticals Basic Information, Manufacturing Base and Competitors
- Table 62. SBI Pharmaceuticals Major Business
- Table 63. SBI Pharmaceuticals 5-ALA Product and Services
- Table 64. SBI Pharmaceuticals 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 65. SBI Pharmaceuticals Recent Developments/Updates
- Table 66. SBI Pharmaceuticals Competitive Strengths & Weaknesses
- Table 67. Neopharma Basic Information, Manufacturing Base and Competitors
- Table 68. Neopharma Major Business
- Table 69. Neopharma 5-ALA Product and Services
- Table 70. Neopharma 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 71. Neopharma Recent Developments/Updates
- Table 72. Neopharma Competitive Strengths & Weaknesses
- Table 73. Medac Basic Information, Manufacturing Base and Competitors
- Table 74. Medac Major Business
- Table 75. Medac 5-ALA Product and Services
- Table 76. Medac 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 77. Medac Recent Developments/Updates
- Table 78. Medac Competitive Strengths & Weaknesses
- Table 79. Midas Pharma Basic Information, Manufacturing Base and Competitors
- Table 80. Midas Pharma Major Business
- Table 81. Midas Pharma 5-ALA Product and Services
- Table 82. Midas Pharma 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 83. Midas Pharma Recent Developments/Updates
- Table 84. Midas Pharma Competitive Strengths & Weaknesses
- Table 85. Sobeo Biotech Basic Information, Manufacturing Base and Competitors
- Table 86. Sobeo Biotech Major Business
- Table 87. Sobeo Biotech 5-ALA Product and Services
- Table 88. Sobeo Biotech 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 89. Sobeo Biotech Recent Developments/Updates
- Table 90. Sobeo Biotech Competitive Strengths & Weaknesses

- Table 91. Xinlian Biochemical Basic Information, Manufacturing Base and Competitors
- Table 92. Xinlian Biochemical Major Business
- Table 93. Xinlian Biochemical 5-ALA Product and Services
- Table 94. Xinlian Biochemical 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 95. Xinlian Biochemical Recent Developments/Updates
- Table 96. Xinlian Biochemical Competitive Strengths & Weaknesses
- Table 97. NMT Biotech Basic Information, Manufacturing Base and Competitors
- Table 98. NMT Biotech Major Business
- Table 99. NMT Biotech 5-ALA Product and Services
- Table 100. NMT Biotech 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 101. NMT Biotech Recent Developments/Updates
- Table 102. NMT Biotech Competitive Strengths & Weaknesses
- Table 103. Natural Field Basic Information, Manufacturing Base and Competitors
- Table 104. Natural Field Major Business
- Table 105. Natural Field 5-ALA Product and Services
- Table 106. Natural Field 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 107. Natural Field Recent Developments/Updates
- Table 108. Natural Field Competitive Strengths & Weaknesses
- Table 109. Fudan-Zhangjiang Basic Information, Manufacturing Base and Competitors
- Table 110. Fudan-Zhangjiang Major Business
- Table 111. Fudan-Zhangjiang 5-ALA Product and Services
- Table 112. Fudan-Zhangjiang 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 113. Fudan-Zhangjiang Recent Developments/Updates
- Table 114. Fudan-Zhangjiang Competitive Strengths & Weaknesses
- Table 115. Harworld Basic Information, Manufacturing Base and Competitors
- Table 116. Harworld Major Business
- Table 117. Harworld 5-ALA Product and Services
- Table 118. Harworld 5-ALA Production (kg), Price (US\$/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 119. Harworld Recent Developments/Updates
- Table 120. Harworld Competitive Strengths & Weaknesses
- Table 121. East Star Biotech Basic Information, Manufacturing Base and Competitors
- Table 122. East Star Biotech Major Business
- Table 123. East Star Biotech 5-ALA Product and Services
- Table 124. East Star Biotech 5-ALA Production (kg), Price (US\$/g), Production Value

(USD Million), Gross Margin and Market Share (2021-2026)

Table 125. East Star Biotech Recent Developments/Updates

Table 126. East Star Biotech Competitive Strengths & Weaknesses

Table 127. Global Key Players of 5-ALA Upstream (Raw Materials)

Table 128. Global 5-ALA Typical Customers

Table 129. 5-ALA Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. 5-ALA Picture

Figure 2. World 5-ALA Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World 5-ALA Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World 5-ALA Production (2021-2032) & (kg)

Figure 5. World 5-ALA Average Price (2021-2032) & (US\$/g)

Figure 6. World 5-ALA Production Value Market Share by Region (2021-2032)

Figure 7. World 5-ALA Production Market Share by Region (2021-2032)

Figure 8. China 5-ALA Production (2021-2032) & (kg)

Figure 9. Europe 5-ALA Production (2021-2032) & (kg)

Figure 10. Japan 5-ALA Production (2021-2032) & (kg)

Figure 11. 5-ALA Market Drivers

Figure 12. Factors Affecting Demand

Figure 13. World 5-ALA Consumption (2021-2032) & (kg)

Figure 14. World 5-ALA Consumption Market Share by Region (2021-2032)

Figure 15. United States 5-ALA Consumption (2021-2032) & (kg)

Figure 16. China 5-ALA Consumption (2021-2032) & (kg)

Figure 17. Europe 5-ALA Consumption (2021-2032) & (kg)

Figure 18. Japan 5-ALA Consumption (2021-2032) & (kg)

Figure 19. South Korea 5-ALA Consumption (2021-2032) & (kg)

Figure 20. ASEAN 5-ALA Consumption (2021-2032) & (kg)

Figure 21. India 5-ALA Consumption (2021-2032) & (kg)

Figure 22. Producer Shipments of 5-ALA by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 23. Global Four-firm Concentration Ratios (CR4) for 5-ALA Markets in 2025

Figure 24. Global Four-firm Concentration Ratios (CR8) for 5-ALA Markets in 2025

Figure 25. United States VS China: 5-ALA Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 26. United States VS China: 5-ALA Production Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: 5-ALA Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States Based Manufacturers 5-ALA Production Market Share 2025

Figure 29. China Based Manufacturers 5-ALA Production Market Share 2025

Figure 30. Rest of World Based Manufacturers 5-ALA Production Market Share 2025

Figure 31. World 5-ALA Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 32. World 5-ALA Production Value Market Share by Type in 2025

Figure 33. Purity 98%

Figure 34. Purity 95%

Figure 35. Others

Figure 36. World 5-ALA Production Market Share by Type (2021-2032)

Figure 37. World 5-ALA Production Value Market Share by Type (2021-2032)

Figure 38. World 5-ALA Average Price by Type (2021-2032) & (US\$/g)

Figure 39. World 5-ALA Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 40. World 5-ALA Production Value Market Share by Application in 2025

Figure 41. Agriculture

Figure 42. Medicine

Figure 43. Chemicals for Daily Use

Figure 44. Others

Figure 45. World 5-ALA Production Market Share by Application (2021-2032)

Figure 46. World 5-ALA Production Value Market Share by Application (2021-2032)

Figure 47. World 5-ALA Average Price by Application (2021-2032) & (US\$/g)

Figure 48. 5-ALA Industry Chain

Figure 49. 5-ALA Procurement Model

Figure 50. 5-ALA Sales Model

Figure 51. 5-ALA Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

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