

# Global 5-ALA Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GC792427E24CEN.html>

Date: November 2023

Pages: 108

Price: US\$ 4,480.00 (Single User License)

ID: GC792427E24CEN

## Abstracts

The global 5-ALA market size is expected to reach \$ 295.6 million by 2029, rising at a market growth of 8.0% CAGR during the forecast period (2023-2029).

Global 5-aminolevulinic acid key players include SBI Holdings, Medac, Natural Field, Xinlian Biochemical and NMT Biotech. Global top 1 manufacturers hold a share about 50%. Asia-Pacific is the largest market, with a share about 60%. In terms of production, purity 98% is the largest segment, with a share about 80%. And in terms of application, the largest application is medicine, followed by agriculture.

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.

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 2022 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, 2018-2029, (Kg)

Global 5-ALA total production value, 2018-2029, (USD Million)

Global 5-ALA production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global 5-ALA consumption by region & country, CAGR, 2018-2029 & (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 2018-2023, (USD Million) & (Kg)

Global 5-ALA production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global 5-ALA production by Application production, value, CAGR, 2018-2029, (USD Million) & (Kg).

This reports 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 Sobeo Biotech, Xinlian Biochemical, NMT Biotech, Natural Field, Fudan-zhangjiang, SBI Holdings, Medac, Midas Pharma and Neopharma, 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 (K US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 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:

Sobeo Biotech

Xinlian Biochemical

NMT Biotech

Natural Field

Fudan-zhangjiang

SBI Holdings

Medac

Midas Pharma

Neopharma

## 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?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 5-ALA Introduction
- 1.2 World 5-ALA Supply & Forecast
  - 1.2.1 World 5-ALA Production Value (2018 & 2022 & 2029)
  - 1.2.2 World 5-ALA Production (2018-2029)
  - 1.2.3 World 5-ALA Pricing Trends (2018-2029)
- 1.3 World 5-ALA Production by Region (Based on Production Site)
  - 1.3.1 World 5-ALA Production Value by Region (2018-2029)
  - 1.3.2 World 5-ALA Production by Region (2018-2029)
  - 1.3.3 World 5-ALA Average Price by Region (2018-2029)
  - 1.3.4 China 5-ALA Production (2018-2029)
  - 1.3.5 Europe 5-ALA Production (2018-2029)
  - 1.3.6 Japan 5-ALA Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 5-ALA Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 5-ALA Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World 5-ALA Demand (2018-2029)
- 2.2 World 5-ALA Consumption by Region
  - 2.2.1 World 5-ALA Consumption by Region (2018-2023)
  - 2.2.2 World 5-ALA Consumption Forecast by Region (2024-2029)
- 2.3 United States 5-ALA Consumption (2018-2029)
- 2.4 China 5-ALA Consumption (2018-2029)
- 2.5 Europe 5-ALA Consumption (2018-2029)
- 2.6 Japan 5-ALA Consumption (2018-2029)
- 2.7 South Korea 5-ALA Consumption (2018-2029)
- 2.8 ASEAN 5-ALA Consumption (2018-2029)
- 2.9 India 5-ALA Consumption (2018-2029)

### 3 WORLD 5-ALA MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World 5-ALA Production Value by Manufacturer (2018-2023)
- 3.2 World 5-ALA Production by Manufacturer (2018-2023)

### 3.3 World 5-ALA Average Price by Manufacturer (2018-2023)

### 3.4 5-ALA Company Evaluation Quadrant

### 3.5 Industry Rank and Concentration Rate (CR)

#### 3.5.1 Global 5-ALA Industry Rank of Major Manufacturers

#### 3.5.2 Global Concentration Ratios (CR4) for 5-ALA in 2022

#### 3.5.3 Global Concentration Ratios (CR8) for 5-ALA in 2022

### 3.6 5-ALA Market: Overall Company Footprint Analysis

#### 3.6.1 5-ALA Market: Region Footprint

#### 3.6.2 5-ALA Market: Company Product Type Footprint

#### 3.6.3 5-ALA Market: Company Product Application Footprint

### 3.7 Competitive Environment

#### 3.7.1 Historical Structure of the Industry

#### 3.7.2 Barriers of Market Entry

#### 3.7.3 Factors of Competition

### 3.8 New Entrant and Capacity Expansion Plans

### 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

### 4.1 United States VS China: 5-ALA Production Value Comparison

#### 4.1.1 United States VS China: 5-ALA Production Value Comparison (2018 & 2022 & 2029)

#### 4.1.2 United States VS China: 5-ALA Production Value Market Share Comparison (2018 & 2022 & 2029)

### 4.2 United States VS China: 5-ALA Production Comparison

#### 4.2.1 United States VS China: 5-ALA Production Comparison (2018 & 2022 & 2029)

#### 4.2.2 United States VS China: 5-ALA Production Market Share Comparison (2018 & 2022 & 2029)

### 4.3 United States VS China: 5-ALA Consumption Comparison

#### 4.3.1 United States VS China: 5-ALA Consumption Comparison (2018 & 2022 & 2029)

#### 4.3.2 United States VS China: 5-ALA Consumption Market Share Comparison (2018 & 2022 & 2029)

### 4.4 United States Based 5-ALA Manufacturers and Market Share, 2018-2023

#### 4.4.1 United States Based 5-ALA Manufacturers, Headquarters and Production Site (States, Country)

#### 4.4.2 United States Based Manufacturers 5-ALA Production Value (2018-2023)

#### 4.4.3 United States Based Manufacturers 5-ALA Production (2018-2023)

### 4.5 China Based 5-ALA Manufacturers and Market Share

#### 4.5.1 China Based 5-ALA Manufacturers, Headquarters and Production Site (Province,

Country)

4.5.2 China Based Manufacturers 5-ALA Production Value (2018-2023)

4.5.3 China Based Manufacturers 5-ALA Production (2018-2023)

4.6 Rest of World Based 5-ALA Manufacturers and Market Share, 2018-2023

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

4.6.2 Rest of World Based Manufacturers 5-ALA Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers 5-ALA Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World 5-ALA Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Purity 98%

5.2.2 Purity 95%

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World 5-ALA Production by Type (2018-2029)

5.3.2 World 5-ALA Production Value by Type (2018-2029)

5.3.3 World 5-ALA Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World 5-ALA Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Agriculture

6.2.2 Medicine

6.2.3 Chemicals for Daily Use

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World 5-ALA Production by Application (2018-2029)

6.3.2 World 5-ALA Production Value by Application (2018-2029)

6.3.3 World 5-ALA Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Sobeo Biotech

7.1.1 Sobeo Biotech Details

7.1.2 Sobeo Biotech Major Business

- 7.1.3 Sobeo Biotech 5-ALA Product and Services
- 7.1.4 Sobeo Biotech 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Sobeo Biotech Recent Developments/Updates
- 7.1.6 Sobeo Biotech Competitive Strengths & Weaknesses
- 7.2 Xinlian Biochemical
  - 7.2.1 Xinlian Biochemical Details
  - 7.2.2 Xinlian Biochemical Major Business
  - 7.2.3 Xinlian Biochemical 5-ALA Product and Services
  - 7.2.4 Xinlian Biochemical 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.2.5 Xinlian Biochemical Recent Developments/Updates
  - 7.2.6 Xinlian Biochemical Competitive Strengths & Weaknesses
- 7.3 NMT Biotech
  - 7.3.1 NMT Biotech Details
  - 7.3.2 NMT Biotech Major Business
  - 7.3.3 NMT Biotech 5-ALA Product and Services
  - 7.3.4 NMT Biotech 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.3.5 NMT Biotech Recent Developments/Updates
  - 7.3.6 NMT Biotech Competitive Strengths & Weaknesses
- 7.4 Natural Field
  - 7.4.1 Natural Field Details
  - 7.4.2 Natural Field Major Business
  - 7.4.3 Natural Field 5-ALA Product and Services
  - 7.4.4 Natural Field 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Natural Field Recent Developments/Updates
  - 7.4.6 Natural Field Competitive Strengths & Weaknesses
- 7.5 Fudan-zhangjiang
  - 7.5.1 Fudan-zhangjiang Details
  - 7.5.2 Fudan-zhangjiang Major Business
  - 7.5.3 Fudan-zhangjiang 5-ALA Product and Services
  - 7.5.4 Fudan-zhangjiang 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Fudan-zhangjiang Recent Developments/Updates
  - 7.5.6 Fudan-zhangjiang Competitive Strengths & Weaknesses
- 7.6 SBI Holdings
  - 7.6.1 SBI Holdings Details



- 7.6.2 SBI Holdings Major Business
- 7.6.3 SBI Holdings 5-ALA Product and Services
- 7.6.4 SBI Holdings 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.6.5 SBI Holdings Recent Developments/Updates
- 7.6.6 SBI Holdings Competitive Strengths & Weaknesses
- 7.7 Medac
  - 7.7.1 Medac Details
  - 7.7.2 Medac Major Business
  - 7.7.3 Medac 5-ALA Product and Services
  - 7.7.4 Medac 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Medac Recent Developments/Updates
  - 7.7.6 Medac Competitive Strengths & Weaknesses
- 7.8 Midas Pharma
  - 7.8.1 Midas Pharma Details
  - 7.8.2 Midas Pharma Major Business
  - 7.8.3 Midas Pharma 5-ALA Product and Services
  - 7.8.4 Midas Pharma 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Midas Pharma Recent Developments/Updates
  - 7.8.6 Midas Pharma Competitive Strengths & Weaknesses
- 7.9 Neopharma
  - 7.9.1 Neopharma Details
  - 7.9.2 Neopharma Major Business
  - 7.9.3 Neopharma 5-ALA Product and Services
  - 7.9.4 Neopharma 5-ALA Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Neopharma Recent Developments/Updates
  - 7.9.6 Neopharma Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 5-ALA Industry Chain
- 8.2 5-ALA Upstream Analysis
  - 8.2.1 5-ALA Core Raw Materials
  - 8.2.2 Main Manufacturers of 5-ALA Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis

- 8.5 5-ALA Production Mode
- 8.6 5-ALA Procurement Model
- 8.7 5-ALA Industry Sales Model and Sales Channels
  - 8.7.1 5-ALA Sales Model
  - 8.7.2 5-ALA Typical Customers

## **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 (2018, 2022 and 2029) & (USD Million)

Table 2. World 5-ALA Production Value by Region (2018-2023) & (USD Million)

Table 3. World 5-ALA Production Value by Region (2024-2029) & (USD Million)

Table 4. World 5-ALA Production Value Market Share by Region (2018-2023)

Table 5. World 5-ALA Production Value Market Share by Region (2024-2029)

Table 6. World 5-ALA Production by Region (2018-2023) & (Kg)

Table 7. World 5-ALA Production by Region (2024-2029) & (Kg)

Table 8. World 5-ALA Production Market Share by Region (2018-2023)

Table 9. World 5-ALA Production Market Share by Region (2024-2029)

Table 10. World 5-ALA Average Price by Region (2018-2023) & (K US\$/Kg)

Table 11. World 5-ALA Average Price by Region (2024-2029) & (K US\$/Kg)

Table 12. 5-ALA Major Market Trends

Table 13. World 5-ALA Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Kg)

Table 14. World 5-ALA Consumption by Region (2018-2023) & (Kg)

Table 15. World 5-ALA Consumption Forecast by Region (2024-2029) & (Kg)

Table 16. World 5-ALA Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key 5-ALA Producers in 2022

Table 18. World 5-ALA Production by Manufacturer (2018-2023) & (Kg)

Table 19. Production Market Share of Key 5-ALA Producers in 2022

Table 20. World 5-ALA Average Price by Manufacturer (2018-2023) & (K US\$/Kg)

Table 21. Global 5-ALA Company Evaluation Quadrant

Table 22. World 5-ALA Industry Rank of Major Manufacturers, Based on Production Value in 2022

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, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China 5-ALA Production Comparison, (2018 & 2022 & 2029) & (Kg)

Table 31. United States VS China 5-ALA Consumption Comparison, (2018 & 2022 & 2029) & (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, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers 5-ALA Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers 5-ALA Production (2018-2023) & (Kg)

Table 36. United States Based Manufacturers 5-ALA Production Market Share (2018-2023)

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

Table 38. China Based Manufacturers 5-ALA Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers 5-ALA Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers 5-ALA Production (2018-2023) & (Kg)

Table 41. China Based Manufacturers 5-ALA Production Market Share (2018-2023)

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

Table 43. Rest of World Based Manufacturers 5-ALA Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers 5-ALA Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers 5-ALA Production (2018-2023) & (Kg)

Table 46. Rest of World Based Manufacturers 5-ALA Production Market Share (2018-2023)

Table 47. World 5-ALA Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World 5-ALA Production by Type (2018-2023) & (Kg)

Table 49. World 5-ALA Production by Type (2024-2029) & (Kg)

Table 50. World 5-ALA Production Value by Type (2018-2023) & (USD Million)

Table 51. World 5-ALA Production Value by Type (2024-2029) & (USD Million)

Table 52. World 5-ALA Average Price by Type (2018-2023) & (K US\$/Kg)

Table 53. World 5-ALA Average Price by Type (2024-2029) & (K US\$/Kg)

Table 54. World 5-ALA Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World 5-ALA Production by Application (2018-2023) & (Kg)

Table 56. World 5-ALA Production by Application (2024-2029) & (Kg)

- Table 57. World 5-ALA Production Value by Application (2018-2023) & (USD Million)
- Table 58. World 5-ALA Production Value by Application (2024-2029) & (USD Million)
- Table 59. World 5-ALA Average Price by Application (2018-2023) & (K US\$/Kg)
- Table 60. World 5-ALA Average Price by Application (2024-2029) & (K US\$/Kg)
- Table 61. Sobeo Biotech Basic Information, Manufacturing Base and Competitors
- Table 62. Sobeo Biotech Major Business
- Table 63. Sobeo Biotech 5-ALA Product and Services
- Table 64. Sobeo Biotech 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 65. Sobeo Biotech Recent Developments/Updates
- Table 66. Sobeo Biotech Competitive Strengths & Weaknesses
- Table 67. Xinlian Biochemical Basic Information, Manufacturing Base and Competitors
- Table 68. Xinlian Biochemical Major Business
- Table 69. Xinlian Biochemical 5-ALA Product and Services
- Table 70. Xinlian Biochemical 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Xinlian Biochemical Recent Developments/Updates
- Table 72. Xinlian Biochemical Competitive Strengths & Weaknesses
- Table 73. NMT Biotech Basic Information, Manufacturing Base and Competitors
- Table 74. NMT Biotech Major Business
- Table 75. NMT Biotech 5-ALA Product and Services
- Table 76. NMT Biotech 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. NMT Biotech Recent Developments/Updates
- Table 78. NMT Biotech Competitive Strengths & Weaknesses
- Table 79. Natural Field Basic Information, Manufacturing Base and Competitors
- Table 80. Natural Field Major Business
- Table 81. Natural Field 5-ALA Product and Services
- Table 82. Natural Field 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Natural Field Recent Developments/Updates
- Table 84. Natural Field Competitive Strengths & Weaknesses
- Table 85. Fudan-zhangjiang Basic Information, Manufacturing Base and Competitors
- Table 86. Fudan-zhangjiang Major Business
- Table 87. Fudan-zhangjiang 5-ALA Product and Services
- Table 88. Fudan-zhangjiang 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Fudan-zhangjiang Recent Developments/Updates
- Table 90. Fudan-zhangjiang Competitive Strengths & Weaknesses

Table 91. SBI Holdings Basic Information, Manufacturing Base and Competitors

Table 92. SBI Holdings Major Business

Table 93. SBI Holdings 5-ALA Product and Services

Table 94. SBI Holdings 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. SBI Holdings Recent Developments/Updates

Table 96. SBI Holdings Competitive Strengths & Weaknesses

Table 97. Medac Basic Information, Manufacturing Base and Competitors

Table 98. Medac Major Business

Table 99. Medac 5-ALA Product and Services

Table 100. Medac 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Medac Recent Developments/Updates

Table 102. Medac Competitive Strengths & Weaknesses

Table 103. Midas Pharma Basic Information, Manufacturing Base and Competitors

Table 104. Midas Pharma Major Business

Table 105. Midas Pharma 5-ALA Product and Services

Table 106. Midas Pharma 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Midas Pharma Recent Developments/Updates

Table 108. Neopharma Basic Information, Manufacturing Base and Competitors

Table 109. Neopharma Major Business

Table 110. Neopharma 5-ALA Product and Services

Table 111. Neopharma 5-ALA Production (Kg), Price (K US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 112. Global Key Players of 5-ALA Upstream (Raw Materials)

Table 113. 5-ALA Typical Customers

Table 114. 5-ALA Typical Distributors

## **LIST OF FIGURE**

Figure 1. 5-ALA Picture

Figure 2. World 5-ALA Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World 5-ALA Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World 5-ALA Production (2018-2029) & (Kg)

Figure 5. World 5-ALA Average Price (2018-2029) & (K US\$/Kg)

Figure 6. World 5-ALA Production Value Market Share by Region (2018-2029)

Figure 7. World 5-ALA Production Market Share by Region (2018-2029)

Figure 8. China 5-ALA Production (2018-2029) & (Kg)

- Figure 9. Europe 5-ALA Production (2018-2029) & (Kg)
- Figure 10. Japan 5-ALA Production (2018-2029) & (Kg)
- Figure 11. 5-ALA Market Drivers
- Figure 12. Factors Affecting Demand
- Figure 13. World 5-ALA Consumption (2018-2029) & (Kg)
- Figure 14. World 5-ALA Consumption Market Share by Region (2018-2029)
- Figure 15. United States 5-ALA Consumption (2018-2029) & (Kg)
- Figure 16. China 5-ALA Consumption (2018-2029) & (Kg)
- Figure 17. Europe 5-ALA Consumption (2018-2029) & (Kg)
- Figure 18. Japan 5-ALA Consumption (2018-2029) & (Kg)
- Figure 19. South Korea 5-ALA Consumption (2018-2029) & (Kg)
- Figure 20. ASEAN 5-ALA Consumption (2018-2029) & (Kg)
- Figure 21. India 5-ALA Consumption (2018-2029) & (Kg)
- Figure 22. Producer Shipments of 5-ALA by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 23. Global Four-firm Concentration Ratios (CR4) for 5-ALA Markets in 2022
- Figure 24. Global Four-firm Concentration Ratios (CR8) for 5-ALA Markets in 2022
- Figure 25. United States VS China: 5-ALA Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 26. United States VS China: 5-ALA Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: 5-ALA Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States Based Manufacturers 5-ALA Production Market Share 2022
- Figure 29. China Based Manufacturers 5-ALA Production Market Share 2022
- Figure 30. Rest of World Based Manufacturers 5-ALA Production Market Share 2022
- Figure 31. World 5-ALA Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 32. World 5-ALA Production Value Market Share by Type in 2022
- Figure 33. Purity 98%
- Figure 34. Purity 95%
- Figure 35. Others
- Figure 36. World 5-ALA Production Market Share by Type (2018-2029)
- Figure 37. World 5-ALA Production Value Market Share by Type (2018-2029)
- Figure 38. World 5-ALA Average Price by Type (2018-2029) & (K US\$/Kg)
- Figure 39. World 5-ALA Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 40. World 5-ALA Production Value Market Share by Application in 2022
- 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 (2018-2029)

Figure 46. World 5-ALA Production Value Market Share by Application (2018-2029)

Figure 47. World 5-ALA Average Price by Application (2018-2029) & (K US\$/Kg)

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



## I would like to order

Product name: Global 5-ALA Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GC792427E24CEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC792427E24CEN.html>

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**

Customer signature \_\_\_\_\_

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

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