

Global α -Ketoglutaric Acid Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GDAD19523EF3EN.html>

Date: November 2023

Pages: 108

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

ID: GDAD19523EF3EN

Abstracts

The global α -Ketoglutaric Acid market size is expected to reach \$ 187.2 million by 2029, rising at a market growth of 6.8% CAGR during the forecast period (2023-2029).

Global key players of α -Ketoglutaric Acid include SFI Health (Klaire Labs), TNJ Chemical Industry, Evonik Industries AG, Spectrum Chemical, etc. The top four players hold a share over 40%.

In terms of product type, food grade is the largest segment, occupied for a share of 65%.

α -Ketoglutaric Acid is an organic compound with a chemical formula of $C_5H_6O_5$. The molecule contains a carbonyl group (keto group) and a carboxyl group. It plays an important role in organisms and is an intermediate product of certain metabolic pathways, especially in the tricarboxylic acid cycle (also known as the citric acid cycle or Kern ring).

In the tricarboxylic acid cycle, α -ketoglutarate acts as an intermediate product and reacts with oxidative decarboxylase to oxidize the carbon atom on the carbonyl group and release carbon dioxide (CO_2), thereby generating energy and electron donors. This process is part of the breakdown of nutrients such as carbohydrates, fats, and proteins into energy.

This report studies the global α -Ketoglutaric Acid production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for

?-Ketoglutaric Acid, 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 ?-Ketoglutaric Acid that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global ?-Ketoglutaric Acid total production and demand, 2018-2029, (Tons)

Global ?-Ketoglutaric Acid total production value, 2018-2029, (USD Million)

Global ?-Ketoglutaric Acid production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global ?-Ketoglutaric Acid consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: ?-Ketoglutaric Acid domestic production, consumption, key domestic manufacturers and share

Global ?-Ketoglutaric Acid production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global ?-Ketoglutaric Acid production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global ?-Ketoglutaric Acid production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global ?-Ketoglutaric Acid 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 SFI Health(Klaire Labs), Spectrum Chemical, Evonik Industries AG, TNJ Chemical Industry, China Foodpharm Group and Acmec Biochemical, 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 α -Ketoglutaric Acid market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (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 α -Ketoglutaric Acid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global α -Ketoglutaric Acid Market, Segmentation by Type

Pharmaceutical Grade

Food Grade

Global α -Ketoglutaric Acid Market, Segmentation by Application

Dietary Supplements

Pharmaceuticals

Infant Formula

Others

Companies Profiled:

SFI Health(Klaire Labs)

Spectrum Chemical

Evonik Industries AG

TNJ Chemical Industry

China Foodpharm Group

Acmec Biochemical

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD ?-KETOGLUTARIC ACID MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World ?-Ketoglutaric Acid Production Value by Manufacturer (2018-2023)
- 3.2 World ?-Ketoglutaric Acid Production by Manufacturer (2018-2023)
- 3.3 World ?-Ketoglutaric Acid Average Price by Manufacturer (2018-2023)

- 3.4 ?-Ketoglutaric Acid Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global ?-Ketoglutaric Acid Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for ?-Ketoglutaric Acid in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for ?-Ketoglutaric Acid in 2022
- 3.6 ?-Ketoglutaric Acid Market: Overall Company Footprint Analysis
 - 3.6.1 ?-Ketoglutaric Acid Market: Region Footprint
 - 3.6.2 ?-Ketoglutaric Acid Market: Company Product Type Footprint
 - 3.6.3 ?-Ketoglutaric Acid 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: ?-Ketoglutaric Acid Production Value Comparison
 - 4.1.1 United States VS China: ?-Ketoglutaric Acid Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: ?-Ketoglutaric Acid Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: ?-Ketoglutaric Acid Production Comparison
 - 4.2.1 United States VS China: ?-Ketoglutaric Acid Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: ?-Ketoglutaric Acid Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: ?-Ketoglutaric Acid Consumption Comparison
 - 4.3.1 United States VS China: ?-Ketoglutaric Acid Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: ?-Ketoglutaric Acid Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based ?-Ketoglutaric Acid Manufacturers and Market Share, 2018-2023
 - 4.4.1 United States Based ?-Ketoglutaric Acid Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers ?-Ketoglutaric Acid Production Value (2018-2023)

- 4.4.3 United States Based Manufacturers ?-Ketoglutaric Acid Production (2018-2023)
- 4.5 China Based ?-Ketoglutaric Acid Manufacturers and Market Share
 - 4.5.1 China Based ?-Ketoglutaric Acid Manufacturers, Headquarters and Production Site (Province, Country)
 - 4.5.2 China Based Manufacturers ?-Ketoglutaric Acid Production Value (2018-2023)
 - 4.5.3 China Based Manufacturers ?-Ketoglutaric Acid Production (2018-2023)
- 4.6 Rest of World Based ?-Ketoglutaric Acid Manufacturers and Market Share, 2018-2023
 - 4.6.1 Rest of World Based ?-Ketoglutaric Acid Manufacturers, Headquarters and Production Site (State, Country)
 - 4.6.2 Rest of World Based Manufacturers ?-Ketoglutaric Acid Production Value (2018-2023)
 - 4.6.3 Rest of World Based Manufacturers ?-Ketoglutaric Acid Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World ?-Ketoglutaric Acid Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 Pharmaceutical Grade
 - 5.2.2 Food Grade
- 5.3 Market Segment by Type
 - 5.3.1 World ?-Ketoglutaric Acid Production by Type (2018-2029)
 - 5.3.2 World ?-Ketoglutaric Acid Production Value by Type (2018-2029)
 - 5.3.3 World ?-Ketoglutaric Acid Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

- 6.1 World ?-Ketoglutaric Acid Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Dietary Supplements
 - 6.2.2 Pharmaceuticals
 - 6.2.3 Infant Formula
 - 6.2.4 Others
- 6.3 Market Segment by Application
 - 6.3.1 World ?-Ketoglutaric Acid Production by Application (2018-2029)
 - 6.3.2 World ?-Ketoglutaric Acid Production Value by Application (2018-2029)
 - 6.3.3 World ?-Ketoglutaric Acid Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 SFI Health(Klaire Labs)

7.1.1 SFI Health(Klaire Labs) Details

7.1.2 SFI Health(Klaire Labs) Major Business

7.1.3 SFI Health(Klaire Labs) ?-Ketoglutaric Acid Product and Services

7.1.4 SFI Health(Klaire Labs) ?-Ketoglutaric Acid Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 SFI Health(Klaire Labs) Recent Developments/Updates

7.1.6 SFI Health(Klaire Labs) Competitive Strengths & Weaknesses

7.2 Spectrum Chemical

7.2.1 Spectrum Chemical Details

7.2.2 Spectrum Chemical Major Business

7.2.3 Spectrum Chemical ?-Ketoglutaric Acid Product and Services

7.2.4 Spectrum Chemical ?-Ketoglutaric Acid Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Spectrum Chemical Recent Developments/Updates

7.2.6 Spectrum Chemical Competitive Strengths & Weaknesses

7.3 Evonik Industries AG

7.3.1 Evonik Industries AG Details

7.3.2 Evonik Industries AG Major Business

7.3.3 Evonik Industries AG ?-Ketoglutaric Acid Product and Services

7.3.4 Evonik Industries AG ?-Ketoglutaric Acid Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Evonik Industries AG Recent Developments/Updates

7.3.6 Evonik Industries AG Competitive Strengths & Weaknesses

7.4 TNJ Chemical Industry

7.4.1 TNJ Chemical Industry Details

7.4.2 TNJ Chemical Industry Major Business

7.4.3 TNJ Chemical Industry ?-Ketoglutaric Acid Product and Services

7.4.4 TNJ Chemical Industry ?-Ketoglutaric Acid Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 TNJ Chemical Industry Recent Developments/Updates

7.4.6 TNJ Chemical Industry Competitive Strengths & Weaknesses

7.5 China Foodpharm Group

7.5.1 China Foodpharm Group Details

7.5.2 China Foodpharm Group Major Business

7.5.3 China Foodpharm Group ?-Ketoglutaric Acid Product and Services

7.5.4 China Foodpharm Group ?-Ketoglutaric Acid Production, Price, Value, Gross

Margin and Market Share (2018-2023)

7.5.5 China Foodpharm Group Recent Developments/Updates

7.5.6 China Foodpharm Group Competitive Strengths & Weaknesses

7.6 Acmec Biochemical

7.6.1 Acmec Biochemical Details

7.6.2 Acmec Biochemical Major Business

7.6.3 Acmec Biochemical γ -Ketoglutaric Acid Product and Services

7.6.4 Acmec Biochemical γ -Ketoglutaric Acid Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Acmec Biochemical Recent Developments/Updates

7.6.6 Acmec Biochemical Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 γ -Ketoglutaric Acid Industry Chain

8.2 γ -Ketoglutaric Acid Upstream Analysis

8.2.1 γ -Ketoglutaric Acid Core Raw Materials

8.2.2 Main Manufacturers of γ -Ketoglutaric Acid Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 γ -Ketoglutaric Acid Production Mode

8.6 γ -Ketoglutaric Acid Procurement Model

8.7 γ -Ketoglutaric Acid Industry Sales Model and Sales Channels

8.7.1 γ -Ketoglutaric Acid Sales Model

8.7.2 γ -Ketoglutaric Acid 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 α -Ketoglutaric Acid Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World α -Ketoglutaric Acid Production Value by Region (2018-2023) & (USD Million)

Table 3. World α -Ketoglutaric Acid Production Value by Region (2024-2029) & (USD Million)

Table 4. World α -Ketoglutaric Acid Production Value Market Share by Region (2018-2023)

Table 5. World α -Ketoglutaric Acid Production Value Market Share by Region (2024-2029)

Table 6. World α -Ketoglutaric Acid Production by Region (2018-2023) & (Tons)

Table 7. World α -Ketoglutaric Acid Production by Region (2024-2029) & (Tons)

Table 8. World α -Ketoglutaric Acid Production Market Share by Region (2018-2023)

Table 9. World α -Ketoglutaric Acid Production Market Share by Region (2024-2029)

Table 10. World α -Ketoglutaric Acid Average Price by Region (2018-2023) & (US\$/Kg)

Table 11. World α -Ketoglutaric Acid Average Price by Region (2024-2029) & (US\$/Kg)

Table 12. α -Ketoglutaric Acid Major Market Trends

Table 13. World α -Ketoglutaric Acid Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World α -Ketoglutaric Acid Consumption by Region (2018-2023) & (Tons)

Table 15. World α -Ketoglutaric Acid Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World α -Ketoglutaric Acid Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key α -Ketoglutaric Acid Producers in 2022

Table 18. World α -Ketoglutaric Acid Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key α -Ketoglutaric Acid Producers in 2022

Table 20. World α -Ketoglutaric Acid Average Price by Manufacturer (2018-2023) & (US\$/Kg)

Table 21. Global α -Ketoglutaric Acid Company Evaluation Quadrant

Table 22. World α -Ketoglutaric Acid Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and α -Ketoglutaric Acid Production Site of Key Manufacturer

Table 24. α -Ketoglutaric Acid Market: Company Product Type Footprint

Table 25. α -Ketoglutaric Acid Market: Company Product Application Footprint

Table 26. L-Ketoglutaric Acid Competitive Factors

Table 27. L-Ketoglutaric Acid New Entrant and Capacity Expansion Plans

Table 28. L-Ketoglutaric Acid Mergers & Acquisitions Activity

Table 29. United States VS China L-Ketoglutaric Acid Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China L-Ketoglutaric Acid Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China L-Ketoglutaric Acid Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based L-Ketoglutaric Acid Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers L-Ketoglutaric Acid Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers L-Ketoglutaric Acid Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers L-Ketoglutaric Acid Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers L-Ketoglutaric Acid Production Market Share (2018-2023)

Table 37. China Based L-Ketoglutaric Acid Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers L-Ketoglutaric Acid Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers L-Ketoglutaric Acid Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers L-Ketoglutaric Acid Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers L-Ketoglutaric Acid Production Market Share (2018-2023)

Table 42. Rest of World Based L-Ketoglutaric Acid Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers L-Ketoglutaric Acid Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers L-Ketoglutaric Acid Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers L-Ketoglutaric Acid Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers L-Ketoglutaric Acid Production Market Share (2018-2023)

Table 47. World α -Ketoglutaric Acid Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World α -Ketoglutaric Acid Production by Type (2018-2023) & (Tons)

Table 49. World α -Ketoglutaric Acid Production by Type (2024-2029) & (Tons)

Table 50. World α -Ketoglutaric Acid Production Value by Type (2018-2023) & (USD Million)

Table 51. World α -Ketoglutaric Acid Production Value by Type (2024-2029) & (USD Million)

Table 52. World α -Ketoglutaric Acid Average Price by Type (2018-2023) & (US\$/Kg)

Table 53. World α -Ketoglutaric Acid Average Price by Type (2024-2029) & (US\$/Kg)

Table 54. World α -Ketoglutaric Acid Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World α -Ketoglutaric Acid Production by Application (2018-2023) & (Tons)

Table 56. World α -Ketoglutaric Acid Production by Application (2024-2029) & (Tons)

Table 57. World α -Ketoglutaric Acid Production Value by Application (2018-2023) & (USD Million)

Table 58. World α -Ketoglutaric Acid Production Value by Application (2024-2029) & (USD Million)

Table 59. World α -Ketoglutaric Acid Average Price by Application (2018-2023) & (US\$/Kg)

Table 60. World α -Ketoglutaric Acid Average Price by Application (2024-2029) & (US\$/Kg)

Table 61. SFI Health(Klaire Labs) Basic Information, Manufacturing Base and Competitors

Table 62. SFI Health(Klaire Labs) Major Business

Table 63. SFI Health(Klaire Labs) α -Ketoglutaric Acid Product and Services

Table 64. SFI Health(Klaire Labs) α -Ketoglutaric Acid Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. SFI Health(Klaire Labs) Recent Developments/Updates

Table 66. SFI Health(Klaire Labs) Competitive Strengths & Weaknesses

Table 67. Spectrum Chemical Basic Information, Manufacturing Base and Competitors

Table 68. Spectrum Chemical Major Business

Table 69. Spectrum Chemical α -Ketoglutaric Acid Product and Services

Table 70. Spectrum Chemical α -Ketoglutaric Acid Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Spectrum Chemical Recent Developments/Updates

Table 72. Spectrum Chemical Competitive Strengths & Weaknesses

Table 73. Evonik Industries AG Basic Information, Manufacturing Base and Competitors

Table 74. Evonik Industries AG Major Business

- Table 75. Evonik Industries AG γ -Ketoglutaric Acid Product and Services
- Table 76. Evonik Industries AG γ -Ketoglutaric Acid Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Evonik Industries AG Recent Developments/Updates
- Table 78. Evonik Industries AG Competitive Strengths & Weaknesses
- Table 79. TNJ Chemical Industry Basic Information, Manufacturing Base and Competitors
- Table 80. TNJ Chemical Industry Major Business
- Table 81. TNJ Chemical Industry γ -Ketoglutaric Acid Product and Services
- Table 82. TNJ Chemical Industry γ -Ketoglutaric Acid Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. TNJ Chemical Industry Recent Developments/Updates
- Table 84. TNJ Chemical Industry Competitive Strengths & Weaknesses
- Table 85. China Foodpharm Group Basic Information, Manufacturing Base and Competitors
- Table 86. China Foodpharm Group Major Business
- Table 87. China Foodpharm Group γ -Ketoglutaric Acid Product and Services
- Table 88. China Foodpharm Group γ -Ketoglutaric Acid Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. China Foodpharm Group Recent Developments/Updates
- Table 90. Acmec Biochemical Basic Information, Manufacturing Base and Competitors
- Table 91. Acmec Biochemical Major Business
- Table 92. Acmec Biochemical γ -Ketoglutaric Acid Product and Services
- Table 93. Acmec Biochemical γ -Ketoglutaric Acid Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 94. Global Key Players of γ -Ketoglutaric Acid Upstream (Raw Materials)
- Table 95. γ -Ketoglutaric Acid Typical Customers
- Table 96. γ -Ketoglutaric Acid Typical Distributors

LIST OF FIGURE

- Figure 1. γ -Ketoglutaric Acid Picture
- Figure 2. World γ -Ketoglutaric Acid Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World γ -Ketoglutaric Acid Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World γ -Ketoglutaric Acid Production (2018-2029) & (Tons)
- Figure 5. World γ -Ketoglutaric Acid Average Price (2018-2029) & (US\$/Kg)
- Figure 6. World γ -Ketoglutaric Acid Production Value Market Share by Region

(2018-2029)

Figure 7. World α -Ketoglutaric Acid Production Market Share by Region (2018-2029)

Figure 8. North America α -Ketoglutaric Acid Production (2018-2029) & (Tons)

Figure 9. China α -Ketoglutaric Acid Production (2018-2029) & (Tons)

Figure 10. α -Ketoglutaric Acid Market Drivers

Figure 11. Factors Affecting Demand

Figure 12. World α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 13. World α -Ketoglutaric Acid Consumption Market Share by Region (2018-2029)

Figure 14. United States α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 15. China α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 16. Europe α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 17. Japan α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 18. South Korea α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 19. ASEAN α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 20. India α -Ketoglutaric Acid Consumption (2018-2029) & (Tons)

Figure 21. Producer Shipments of α -Ketoglutaric Acid by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 22. Global Four-firm Concentration Ratios (CR4) for α -Ketoglutaric Acid Markets in 2022

Figure 23. Global Four-firm Concentration Ratios (CR8) for α -Ketoglutaric Acid Markets in 2022

Figure 24. United States VS China: α -Ketoglutaric Acid Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 25. United States VS China: α -Ketoglutaric Acid Production Market Share Comparison (2018 & 2022 & 2029)

Figure 26. United States VS China: α -Ketoglutaric Acid Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States Based Manufacturers α -Ketoglutaric Acid Production Market Share 2022

Figure 28. China Based Manufacturers α -Ketoglutaric Acid Production Market Share 2022

Figure 29. Rest of World Based Manufacturers α -Ketoglutaric Acid Production Market Share 2022

Figure 30. World α -Ketoglutaric Acid Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 31. World α -Ketoglutaric Acid Production Value Market Share by Type in 2022

Figure 32. Pharmaceutical Grade

Figure 33. Food Grade

Figure 34. World α -Ketoglutaric Acid Production Market Share by Type (2018-2029)

Figure 35. World α -Ketoglutaric Acid Production Value Market Share by Type (2018-2029)

Figure 36. World α -Ketoglutaric Acid Average Price by Type (2018-2029) & (US\$/Kg)

Figure 37. World α -Ketoglutaric Acid Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 38. World α -Ketoglutaric Acid Production Value Market Share by Application in 2022

Figure 39. Dietary Supplements

Figure 40. Pharmaceuticals

Figure 41. Infant Formula

Figure 42. Others

Figure 43. World α -Ketoglutaric Acid Production Market Share by Application (2018-2029)

Figure 44. World α -Ketoglutaric Acid Production Value Market Share by Application (2018-2029)

Figure 45. World α -Ketoglutaric Acid Average Price by Application (2018-2029) & (US\$/Kg)

Figure 46. α -Ketoglutaric Acid Industry Chain

Figure 47. α -Ketoglutaric Acid Procurement Model

Figure 48. α -Ketoglutaric Acid Sales Model

Figure 49. α -Ketoglutaric Acid Sales Channels, Direct Sales, and Distribution

Figure 50. Methodology

Figure 51. Research Process and Data Source

I would like to order

Product name: Global α -Ketoglutaric Acid Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GDAD19523EF3EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDAD19523EF3EN.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