

# Global $\alpha$ -Ketoglutaric Acid Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GD7B701AD00AEN.html>

Date: January 2024

Pages: 95

Price: US\$ 3,480.00 (Single User License)

ID: GD7B701AD00AEN

## Abstracts

According to our (Global Info Research) latest study, the global  $\alpha$ -Ketoglutaric Acid market size was valued at USD 118.3 million in 2023 and is forecast to a readjusted size of USD 187.2 million by 2030 with a CAGR of 6.8% during review period.

$\alpha$ -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,  $\alpha$ -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.

Global key players of  $\alpha$ -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%.

The Global Info Research report includes an overview of the development of the  $\alpha$ -Ketoglutaric Acid industry chain, the market status of Dietary Supplements

(Pharmaceutical Grade, Food Grade), Pharmaceuticals (Pharmaceutical Grade, Food Grade), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of ?-Ketoglutaric Acid.

Regionally, the report analyzes the ?-Ketoglutaric Acid markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global ?-Ketoglutaric Acid market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the ?-Ketoglutaric Acid market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the ?-Ketoglutaric Acid industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Pharmaceutical Grade, Food Grade).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the ?-Ketoglutaric Acid market.

**Regional Analysis:** The report involves examining the ?-Ketoglutaric Acid market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the ?-Ketoglutaric Acid market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to  $\alpha$ -Ketoglutaric Acid:

**Company Analysis:** Report covers individual  $\alpha$ -Ketoglutaric Acid manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards  $\alpha$ -Ketoglutaric Acid. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Dietary Supplements, Pharmaceuticals).

**Technology Analysis:** Report covers specific technologies relevant to  $\alpha$ -Ketoglutaric Acid. It assesses the current state, advancements, and potential future developments in  $\alpha$ -Ketoglutaric Acid areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the  $\alpha$ -Ketoglutaric Acid market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

$\alpha$ -Ketoglutaric Acid market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Pharmaceutical Grade

Food Grade

### Market segment by Application

Dietary Supplements

Pharmaceuticals

Infant Formula

Others

Major players covered

SFI Health(Klaire Labs)

Spectrum Chemical

Evonik Industries AG

TNJ Chemical Industry

China Foodpharm Group

Acmech Biochemical

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe  $\alpha$ -Ketoglutaric Acid product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of  $\alpha$ -Ketoglutaric Acid, with price, sales, revenue and global market share of  $\alpha$ -Ketoglutaric Acid from 2019 to 2024.

Chapter 3, the  $\alpha$ -Ketoglutaric Acid competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the  $\alpha$ -Ketoglutaric Acid breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and  $\alpha$ -Ketoglutaric Acid market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of  $\alpha$ -Ketoglutaric Acid.

Chapter 14 and 15, to describe  $\alpha$ -Ketoglutaric Acid sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of  $\alpha$ -Ketoglutaric Acid

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global  $\alpha$ -Ketoglutaric Acid Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Pharmaceutical Grade

1.3.3 Food Grade

1.4 Market Analysis by Application

1.4.1 Overview: Global  $\alpha$ -Ketoglutaric Acid Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Dietary Supplements

1.4.3 Pharmaceuticals

1.4.4 Infant Formula

1.4.5 Others

1.5 Global  $\alpha$ -Ketoglutaric Acid Market Size & Forecast

1.5.1 Global  $\alpha$ -Ketoglutaric Acid Consumption Value (2019 & 2023 & 2030)

1.5.2 Global  $\alpha$ -Ketoglutaric Acid Sales Quantity (2019-2030)

1.5.3 Global  $\alpha$ -Ketoglutaric Acid Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 SFI Health(Klaire Labs)

2.1.1 SFI Health(Klaire Labs) Details

2.1.2 SFI Health(Klaire Labs) Major Business

2.1.3 SFI Health(Klaire Labs)  $\alpha$ -Ketoglutaric Acid Product and Services

2.1.4 SFI Health(Klaire Labs)  $\alpha$ -Ketoglutaric Acid Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 SFI Health(Klaire Labs) Recent Developments/Updates

2.2 Spectrum Chemical

2.2.1 Spectrum Chemical Details

2.2.2 Spectrum Chemical Major Business

2.2.3 Spectrum Chemical  $\alpha$ -Ketoglutaric Acid Product and Services

2.2.4 Spectrum Chemical  $\alpha$ -Ketoglutaric Acid Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Spectrum Chemical Recent Developments/Updates

## 2.3 Evonik Industries AG

2.3.1 Evonik Industries AG Details

2.3.2 Evonik Industries AG Major Business

2.3.3 Evonik Industries AG ?-Ketoglutaric Acid Product and Services

2.3.4 Evonik Industries AG ?-Ketoglutaric Acid Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Evonik Industries AG Recent Developments/Updates

## 2.4 TNJ Chemical Industry

2.4.1 TNJ Chemical Industry Details

2.4.2 TNJ Chemical Industry Major Business

2.4.3 TNJ Chemical Industry ?-Ketoglutaric Acid Product and Services

2.4.4 TNJ Chemical Industry ?-Ketoglutaric Acid Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 TNJ Chemical Industry Recent Developments/Updates

## 2.5 China Foodpharm Group

2.5.1 China Foodpharm Group Details

2.5.2 China Foodpharm Group Major Business

2.5.3 China Foodpharm Group ?-Ketoglutaric Acid Product and Services

2.5.4 China Foodpharm Group ?-Ketoglutaric Acid Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 China Foodpharm Group Recent Developments/Updates

## 2.6 Acmec Biochemical

2.6.1 Acmec Biochemical Details

2.6.2 Acmec Biochemical Major Business

2.6.3 Acmec Biochemical ?-Ketoglutaric Acid Product and Services

2.6.4 Acmec Biochemical ?-Ketoglutaric Acid Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Acmec Biochemical Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: ?-KETOGLUTARIC ACID BY MANUFACTURER**

3.1 Global ?-Ketoglutaric Acid Sales Quantity by Manufacturer (2019-2024)

3.2 Global ?-Ketoglutaric Acid Revenue by Manufacturer (2019-2024)

3.3 Global ?-Ketoglutaric Acid Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of ?-Ketoglutaric Acid by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 ?-Ketoglutaric Acid Manufacturer Market Share in 2023

3.4.2 Top 6 ?-Ketoglutaric Acid Manufacturer Market Share in 2023

- 3.5 ?-Ketoglutaric Acid Market: Overall Company Footprint Analysis
  - 3.5.1 ?-Ketoglutaric Acid Market: Region Footprint
  - 3.5.2 ?-Ketoglutaric Acid Market: Company Product Type Footprint
  - 3.5.3 ?-Ketoglutaric Acid Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global ?-Ketoglutaric Acid Market Size by Region
  - 4.1.1 Global ?-Ketoglutaric Acid Sales Quantity by Region (2019-2030)
  - 4.1.2 Global ?-Ketoglutaric Acid Consumption Value by Region (2019-2030)
  - 4.1.3 Global ?-Ketoglutaric Acid Average Price by Region (2019-2030)
- 4.2 North America ?-Ketoglutaric Acid Consumption Value (2019-2030)
- 4.3 Europe ?-Ketoglutaric Acid Consumption Value (2019-2030)
- 4.4 Asia-Pacific ?-Ketoglutaric Acid Consumption Value (2019-2030)
- 4.5 South America ?-Ketoglutaric Acid Consumption Value (2019-2030)
- 4.6 Middle East and Africa ?-Ketoglutaric Acid Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global ?-Ketoglutaric Acid Sales Quantity by Type (2019-2030)
- 5.2 Global ?-Ketoglutaric Acid Consumption Value by Type (2019-2030)
- 5.3 Global ?-Ketoglutaric Acid Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global ?-Ketoglutaric Acid Sales Quantity by Application (2019-2030)
- 6.2 Global ?-Ketoglutaric Acid Consumption Value by Application (2019-2030)
- 6.3 Global ?-Ketoglutaric Acid Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America ?-Ketoglutaric Acid Sales Quantity by Type (2019-2030)
- 7.2 North America ?-Ketoglutaric Acid Sales Quantity by Application (2019-2030)
- 7.3 North America ?-Ketoglutaric Acid Market Size by Country
  - 7.3.1 North America ?-Ketoglutaric Acid Sales Quantity by Country (2019-2030)
  - 7.3.2 North America ?-Ketoglutaric Acid Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)



7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

8.1 Europe ?-Ketoglutaric Acid Sales Quantity by Type (2019-2030)

8.2 Europe ?-Ketoglutaric Acid Sales Quantity by Application (2019-2030)

8.3 Europe ?-Ketoglutaric Acid Market Size by Country

8.3.1 Europe ?-Ketoglutaric Acid Sales Quantity by Country (2019-2030)

8.3.2 Europe ?-Ketoglutaric Acid Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific ?-Ketoglutaric Acid Market Size by Region

9.3.1 Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific ?-Ketoglutaric Acid Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

10.1 South America ?-Ketoglutaric Acid Sales Quantity by Type (2019-2030)

10.2 South America ?-Ketoglutaric Acid Sales Quantity by Application (2019-2030)

10.3 South America ?-Ketoglutaric Acid Market Size by Country

10.3.1 South America ?-Ketoglutaric Acid Sales Quantity by Country (2019-2030)

10.3.2 South America ?-Ketoglutaric Acid Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa ?-Ketoglutaric Acid Market Size by Country
  - 11.3.1 Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa ?-Ketoglutaric Acid Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)
  - 11.3.4 Egypt Market Size and Forecast (2019-2030)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
  - 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 ?-Ketoglutaric Acid Market Drivers
- 12.2 ?-Ketoglutaric Acid Market Restraints
- 12.3 ?-Ketoglutaric Acid Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of ?-Ketoglutaric Acid and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of ?-Ketoglutaric Acid
- 13.3 ?-Ketoglutaric Acid Production Process
- 13.4 ?-Ketoglutaric Acid Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 ?-Ketoglutaric Acid Typical Distributors

14.3  $\alpha$ -Ketoglutaric Acid Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global  $\alpha$ -Ketoglutaric Acid Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global  $\alpha$ -Ketoglutaric Acid Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. SFI Health(Klaire Labs) Basic Information, Manufacturing Base and Competitors

Table 4. SFI Health(Klaire Labs) Major Business

Table 5. SFI Health(Klaire Labs)  $\alpha$ -Ketoglutaric Acid Product and Services

Table 6. SFI Health(Klaire Labs)  $\alpha$ -Ketoglutaric Acid Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. SFI Health(Klaire Labs) Recent Developments/Updates

Table 8. Spectrum Chemical Basic Information, Manufacturing Base and Competitors

Table 9. Spectrum Chemical Major Business

Table 10. Spectrum Chemical  $\alpha$ -Ketoglutaric Acid Product and Services

Table 11. Spectrum Chemical  $\alpha$ -Ketoglutaric Acid Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Spectrum Chemical Recent Developments/Updates

Table 13. Evonik Industries AG Basic Information, Manufacturing Base and Competitors

Table 14. Evonik Industries AG Major Business

Table 15. Evonik Industries AG  $\alpha$ -Ketoglutaric Acid Product and Services

Table 16. Evonik Industries AG  $\alpha$ -Ketoglutaric Acid Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Evonik Industries AG Recent Developments/Updates

Table 18. TNJ Chemical Industry Basic Information, Manufacturing Base and Competitors

Table 19. TNJ Chemical Industry Major Business

Table 20. TNJ Chemical Industry  $\alpha$ -Ketoglutaric Acid Product and Services

Table 21. TNJ Chemical Industry  $\alpha$ -Ketoglutaric Acid Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. TNJ Chemical Industry Recent Developments/Updates

Table 23. China Foodpharm Group Basic Information, Manufacturing Base and Competitors

Table 24. China Foodpharm Group Major Business

Table 25. China Foodpharm Group  $\alpha$ -Ketoglutaric Acid Product and Services

Table 26. China Foodpharm Group  $\alpha$ -Ketoglutaric Acid Sales Quantity (Tons), Average

Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. China Foodpharm Group Recent Developments/Updates

Table 28. Acmec Biochemical Basic Information, Manufacturing Base and Competitors

Table 29. Acmec Biochemical Major Business

Table 30. Acmec Biochemical  $\gamma$ -Ketoglutaric Acid Product and Services

Table 31. Acmec Biochemical  $\gamma$ -Ketoglutaric Acid Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Acmec Biochemical Recent Developments/Updates

Table 33. Global  $\gamma$ -Ketoglutaric Acid Sales Quantity by Manufacturer (2019-2024) & (Tons)

Table 34. Global  $\gamma$ -Ketoglutaric Acid Revenue by Manufacturer (2019-2024) & (USD Million)

Table 35. Global  $\gamma$ -Ketoglutaric Acid Average Price by Manufacturer (2019-2024) & (US\$/Kg)

Table 36. Market Position of Manufacturers in  $\gamma$ -Ketoglutaric Acid, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 37. Head Office and  $\gamma$ -Ketoglutaric Acid Production Site of Key Manufacturer

Table 38.  $\gamma$ -Ketoglutaric Acid Market: Company Product Type Footprint

Table 39.  $\gamma$ -Ketoglutaric Acid Market: Company Product Application Footprint

Table 40.  $\gamma$ -Ketoglutaric Acid New Market Entrants and Barriers to Market Entry

Table 41.  $\gamma$ -Ketoglutaric Acid Mergers, Acquisition, Agreements, and Collaborations

Table 42. Global  $\gamma$ -Ketoglutaric Acid Sales Quantity by Region (2019-2024) & (Tons)

Table 43. Global  $\gamma$ -Ketoglutaric Acid Sales Quantity by Region (2025-2030) & (Tons)

Table 44. Global  $\gamma$ -Ketoglutaric Acid Consumption Value by Region (2019-2024) & (USD Million)

Table 45. Global  $\gamma$ -Ketoglutaric Acid Consumption Value by Region (2025-2030) & (USD Million)

Table 46. Global  $\gamma$ -Ketoglutaric Acid Average Price by Region (2019-2024) & (US\$/Kg)

Table 47. Global  $\gamma$ -Ketoglutaric Acid Average Price by Region (2025-2030) & (US\$/Kg)

Table 48. Global  $\gamma$ -Ketoglutaric Acid Sales Quantity by Type (2019-2024) & (Tons)

Table 49. Global  $\gamma$ -Ketoglutaric Acid Sales Quantity by Type (2025-2030) & (Tons)

Table 50. Global  $\gamma$ -Ketoglutaric Acid Consumption Value by Type (2019-2024) & (USD Million)

Table 51. Global  $\gamma$ -Ketoglutaric Acid Consumption Value by Type (2025-2030) & (USD Million)

Table 52. Global  $\gamma$ -Ketoglutaric Acid Average Price by Type (2019-2024) & (US\$/Kg)

Table 53. Global  $\gamma$ -Ketoglutaric Acid Average Price by Type (2025-2030) & (US\$/Kg)

Table 54. Global  $\gamma$ -Ketoglutaric Acid Sales Quantity by Application (2019-2024) & (Tons)

Table 55. Global  $\alpha$ -Ketoglutaric Acid Sales Quantity by Application (2025-2030) & (Tons)

Table 56. Global  $\alpha$ -Ketoglutaric Acid Consumption Value by Application (2019-2024) & (USD Million)

Table 57. Global  $\alpha$ -Ketoglutaric Acid Consumption Value by Application (2025-2030) & (USD Million)

Table 58. Global  $\alpha$ -Ketoglutaric Acid Average Price by Application (2019-2024) & (US\$/Kg)

Table 59. Global  $\alpha$ -Ketoglutaric Acid Average Price by Application (2025-2030) & (US\$/Kg)

Table 60. North America  $\alpha$ -Ketoglutaric Acid Sales Quantity by Type (2019-2024) & (Tons)

Table 61. North America  $\alpha$ -Ketoglutaric Acid Sales Quantity by Type (2025-2030) & (Tons)

Table 62. North America  $\alpha$ -Ketoglutaric Acid Sales Quantity by Application (2019-2024) & (Tons)

Table 63. North America  $\alpha$ -Ketoglutaric Acid Sales Quantity by Application (2025-2030) & (Tons)

Table 64. North America  $\alpha$ -Ketoglutaric Acid Sales Quantity by Country (2019-2024) & (Tons)

Table 65. North America  $\alpha$ -Ketoglutaric Acid Sales Quantity by Country (2025-2030) & (Tons)

Table 66. North America  $\alpha$ -Ketoglutaric Acid Consumption Value by Country (2019-2024) & (USD Million)

Table 67. North America  $\alpha$ -Ketoglutaric Acid Consumption Value by Country (2025-2030) & (USD Million)

Table 68. Europe  $\alpha$ -Ketoglutaric Acid Sales Quantity by Type (2019-2024) & (Tons)

Table 69. Europe  $\alpha$ -Ketoglutaric Acid Sales Quantity by Type (2025-2030) & (Tons)

Table 70. Europe  $\alpha$ -Ketoglutaric Acid Sales Quantity by Application (2019-2024) & (Tons)

Table 71. Europe  $\alpha$ -Ketoglutaric Acid Sales Quantity by Application (2025-2030) & (Tons)

Table 72. Europe  $\alpha$ -Ketoglutaric Acid Sales Quantity by Country (2019-2024) & (Tons)

Table 73. Europe  $\alpha$ -Ketoglutaric Acid Sales Quantity by Country (2025-2030) & (Tons)

Table 74. Europe  $\alpha$ -Ketoglutaric Acid Consumption Value by Country (2019-2024) & (USD Million)

Table 75. Europe  $\alpha$ -Ketoglutaric Acid Consumption Value by Country (2025-2030) & (USD Million)

Table 76. Asia-Pacific  $\alpha$ -Ketoglutaric Acid Sales Quantity by Type (2019-2024) & (Tons)

Table 77. Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Type (2025-2030) & (Tons)

Table 78. Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Application (2019-2024) & (Tons)

Table 79. Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Application (2025-2030) & (Tons)

Table 80. Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Region (2019-2024) & (Tons)

Table 81. Asia-Pacific ?-Ketoglutaric Acid Sales Quantity by Region (2025-2030) & (Tons)

Table 82. Asia-Pacific ?-Ketoglutaric Acid Consumption Value by Region (2019-2024) & (USD Million)

Table 83. Asia-Pacific ?-Ketoglutaric Acid Consumption Value by Region (2025-2030) & (USD Million)

Table 84. South America ?-Ketoglutaric Acid Sales Quantity by Type (2019-2024) & (Tons)

Table 85. South America ?-Ketoglutaric Acid Sales Quantity by Type (2025-2030) & (Tons)

Table 86. South America ?-Ketoglutaric Acid Sales Quantity by Application (2019-2024) & (Tons)

Table 87. South America ?-Ketoglutaric Acid Sales Quantity by Application (2025-2030) & (Tons)

Table 88. South America ?-Ketoglutaric Acid Sales Quantity by Country (2019-2024) & (Tons)

Table 89. South America ?-Ketoglutaric Acid Sales Quantity by Country (2025-2030) & (Tons)

Table 90. South America ?-Ketoglutaric Acid Consumption Value by Country (2019-2024) & (USD Million)

Table 91. South America ?-Ketoglutaric Acid Consumption Value by Country (2025-2030) & (USD Million)

Table 92. Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Type (2019-2024) & (Tons)

Table 93. Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Type (2025-2030) & (Tons)

Table 94. Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Application (2019-2024) & (Tons)

Table 95. Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Application (2025-2030) & (Tons)

Table 96. Middle East & Africa ?-Ketoglutaric Acid Sales Quantity by Region (2019-2024) & (Tons)

Table 97. Middle East & Africa  $\alpha$ -Ketoglutaric Acid Sales Quantity by Region (2025-2030) & (Tons)

Table 98. Middle East & Africa  $\alpha$ -Ketoglutaric Acid Consumption Value by Region (2019-2024) & (USD Million)

Table 99. Middle East & Africa  $\alpha$ -Ketoglutaric Acid Consumption Value by Region (2025-2030) & (USD Million)

Table 100.  $\alpha$ -Ketoglutaric Acid Raw Material

Table 101. Key Manufacturers of  $\alpha$ -Ketoglutaric Acid Raw Materials

Table 102.  $\alpha$ -Ketoglutaric Acid Typical Distributors

Table 103.  $\alpha$ -Ketoglutaric Acid Typical Customers



## List Of Figures

### LIST OF FIGURES

Figure 1. ?-Ketoglutaric Acid Picture

Figure 2. Global ?-Ketoglutaric Acid Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global ?-Ketoglutaric Acid Consumption Value Market Share by Type in 2023

Figure 4. Pharmaceutical Grade Examples

Figure 5. Food Grade Examples

Figure 6. Global ?-Ketoglutaric Acid Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global ?-Ketoglutaric Acid Consumption Value Market Share by Application in 2023

Figure 8. Dietary Supplements Examples

Figure 9. Pharmaceuticals Examples

Figure 10. Infant Formula Examples

Figure 11. Others Examples

Figure 12. Global ?-Ketoglutaric Acid Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 13. Global ?-Ketoglutaric Acid Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 14. Global ?-Ketoglutaric Acid Sales Quantity (2019-2030) & (Tons)

Figure 15. Global ?-Ketoglutaric Acid Average Price (2019-2030) & (US\$/Kg)

Figure 16. Global ?-Ketoglutaric Acid Sales Quantity Market Share by Manufacturer in 2023

Figure 17. Global ?-Ketoglutaric Acid Consumption Value Market Share by Manufacturer in 2023

Figure 18. Producer Shipments of ?-Ketoglutaric Acid by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 19. Top 3 ?-Ketoglutaric Acid Manufacturer (Consumption Value) Market Share in 2023

Figure 20. Top 6 ?-Ketoglutaric Acid Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Global ?-Ketoglutaric Acid Sales Quantity Market Share by Region (2019-2030)

Figure 22. Global ?-Ketoglutaric Acid Consumption Value Market Share by Region (2019-2030)

Figure 23. North America ?-Ketoglutaric Acid Consumption Value (2019-2030) & (USD

Million)

Figure 24. Europe ?-Ketoglutaric Acid Consumption Value (2019-2030) & (USD Million)

Figure 25. Asia-Pacific ?-Ketoglutaric Acid Consumption Value (2019-2030) & (USD Million)

Figure 26. South America ?-Ketoglutaric Acid Consumption Value (2019-2030) & (USD Million)

Figure 27. Middle East & Africa ?-Ketoglutaric Acid Consumption Value (2019-2030) & (USD Million)

Figure 28. Global ?-Ketoglutaric Acid Sales Quantity Market Share by Type (2019-2030)

Figure 29. Global ?-Ketoglutaric Acid Consumption Value Market Share by Type (2019-2030)

Figure 30. Global ?-Ketoglutaric Acid Average Price by Type (2019-2030) & (US\$/Kg)

Figure 31. Global ?-Ketoglutaric Acid Sales Quantity Market Share by Application (2019-2030)

Figure 32. Global ?-Ketoglutaric Acid Consumption Value Market Share by Application (2019-2030)

Figure 33. Global ?-Ketoglutaric Acid Average Price by Application (2019-2030) & (US\$/Kg)

Figure 34. North America ?-Ketoglutaric Acid Sales Quantity Market Share by Type (2019-2030)

Figure 35. North America ?-Ketoglutaric Acid Sales Quantity Market Share by Application (2019-2030)

Figure 36. North America ?-Ketoglutaric Acid Sales Quantity Market Share by Country (2019-2030)

Figure 37. North America ?-Ketoglutaric Acid Consumption Value Market Share by Country (2019-2030)

Figure 38. United States ?-Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Canada ?-Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Mexico ?-Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Europe ?-Ketoglutaric Acid Sales Quantity Market Share by Type (2019-2030)

Figure 42. Europe ?-Ketoglutaric Acid Sales Quantity Market Share by Application (2019-2030)

Figure 43. Europe ?-Ketoglutaric Acid Sales Quantity Market Share by Country (2019-2030)

Figure 44. Europe ?-Ketoglutaric Acid Consumption Value Market Share by Country

(2019-2030)

Figure 45. Germany  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. France  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. United Kingdom  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Russia  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Italy  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Asia-Pacific  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Type (2019-2030)

Figure 51. Asia-Pacific  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Application (2019-2030)

Figure 52. Asia-Pacific  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Region (2019-2030)

Figure 53. Asia-Pacific  $\alpha$ -Ketoglutaric Acid Consumption Value Market Share by Region (2019-2030)

Figure 54. China  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Japan  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Korea  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. India  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Southeast Asia  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Australia  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. South America  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Type (2019-2030)

Figure 61. South America  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Application (2019-2030)

Figure 62. South America  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Country (2019-2030)

Figure 63. South America  $\alpha$ -Ketoglutaric Acid Consumption Value Market Share by Country (2019-2030)

Figure 64. Brazil  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Argentina  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Middle East & Africa  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Type (2019-2030)

Figure 67. Middle East & Africa  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Application (2019-2030)

Figure 68. Middle East & Africa  $\alpha$ -Ketoglutaric Acid Sales Quantity Market Share by Region (2019-2030)

Figure 69. Middle East & Africa  $\alpha$ -Ketoglutaric Acid Consumption Value Market Share by Region (2019-2030)

Figure 70. Turkey  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Egypt  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Saudi Arabia  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. South Africa  $\alpha$ -Ketoglutaric Acid Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74.  $\alpha$ -Ketoglutaric Acid Market Drivers

Figure 75.  $\alpha$ -Ketoglutaric Acid Market Restraints

Figure 76.  $\alpha$ -Ketoglutaric Acid Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of  $\alpha$ -Ketoglutaric Acid in 2023

Figure 79. Manufacturing Process Analysis of  $\alpha$ -Ketoglutaric Acid

Figure 80.  $\alpha$ -Ketoglutaric Acid Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

## I would like to order

Product name: Global  $\alpha$ -Ketoglutaric Acid Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/GD7B701AD00AEN.html>

Price: US\$ 3,480.00 (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/GD7B701AD00AEN.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

