

# Global Food Grade DL-Malic Acid Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G16F3B8C2929EN.html>

Date: August 2024

Pages: 125

Price: US\$ 3,200.00 (Single User License)

ID: G16F3B8C2929EN

## Abstracts

### Report Overview

This report provides a deep insight into the global Food Grade DL-Malic Acid market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Food Grade DL-Malic Acid Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Food Grade DL-Malic Acid market in any manner.

### Global Food Grade DL-Malic Acid Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on

product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Fuso Chemical

Bartek

Isegen

Polynt

Thirumalai Chemicals

Yongsan Chemicals

MC Food Specialties

Tate & Lyle

Changmao Biochemical Engineering

Sealong Biotechnology

Jinhu Lile Biotechnology

Market Segmentation (by Type)

DL-malic Acid Solution

Granular DL-malic Acid

## Market Segmentation (by Application)

Beverages

Confectionary

Other

## Geographic Segmentation

%li%North America (USA, Canada, Mexico)

%li%Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

%li%Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

%li%South America (Brazil, Argentina, Columbia, Rest of South America)

%li%The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

## Key Benefits of This Market Research:

%li%Industry drivers, restraints, and opportunities covered in the study

%li%Neutral perspective on the market performance

%li%Recent industry trends and developments

%li%Competitive landscape & strategies of key players

%li%Potential & niche segments and regions exhibiting promising growth covered

- Historical, current, and projected market size, in terms of value

- In-depth analysis of the Food Grade DL-Malic Acid Market

- Overview of the regional outlook of the Food Grade DL-Malic Acid Market:

#### Key Reasons to Buy this Report:

- Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

- This enables you to anticipate market changes to remain ahead of your competitors

- You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

- The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

- Provision of market value (USD Billion) data for each segment and sub-segment

- Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

- Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

- Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

- Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

- The current as well as the future market outlook of the industry concerning recent

developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

- Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

- Provides insight into the market through Value Chain

- Market dynamics scenario, along with growth opportunities of the market in the years to come

- 6-month post-sales analyst support

### Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

### Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Food Grade DL-Malic Acid Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

1.1 Market Definition and Statistical Scope of Food Grade DL-Malic Acid

1.2 Key Market Segments

1.2.1 Food Grade DL-Malic Acid Segment by Type

1.2.2 Food Grade DL-Malic Acid Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

### **2 FOOD GRADE DL-MALIC ACID MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Food Grade DL-Malic Acid Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Food Grade DL-Malic Acid Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 FOOD GRADE DL-MALIC ACID MARKET COMPETITIVE LANDSCAPE**

3.1 Global Food Grade DL-Malic Acid Sales by Manufacturers (2019-2024)

3.2 Global Food Grade DL-Malic Acid Revenue Market Share by Manufacturers (2019-2024)

3.3 Food Grade DL-Malic Acid Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Food Grade DL-Malic Acid Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Food Grade DL-Malic Acid Sales Sites, Area Served, Product Type

3.6 Food Grade DL-Malic Acid Market Competitive Situation and Trends

3.6.1 Food Grade DL-Malic Acid Market Concentration Rate

3.6.2 Global 5 and 10 Largest Food Grade DL-Malic Acid Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion



## **4 FOOD GRADE DL-MALIC ACID INDUSTRY CHAIN ANALYSIS**

- 4.1 Food Grade DL-Malic Acid Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF FOOD GRADE DL-MALIC ACID MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

## **6 FOOD GRADE DL-MALIC ACID MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Food Grade DL-Malic Acid Sales Market Share by Type (2019-2024)
- 6.3 Global Food Grade DL-Malic Acid Market Size Market Share by Type (2019-2024)
- 6.4 Global Food Grade DL-Malic Acid Price by Type (2019-2024)

## **7 FOOD GRADE DL-MALIC ACID MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Food Grade DL-Malic Acid Market Sales by Application (2019-2024)
- 7.3 Global Food Grade DL-Malic Acid Market Size (M USD) by Application (2019-2024)
- 7.4 Global Food Grade DL-Malic Acid Sales Growth Rate by Application (2019-2024)

## **8 FOOD GRADE DL-MALIC ACID MARKET SEGMENTATION BY REGION**

- 8.1 Global Food Grade DL-Malic Acid Sales by Region
  - 8.1.1 Global Food Grade DL-Malic Acid Sales by Region

## 8.1.2 Global Food Grade DL-Malic Acid Sales Market Share by Region

### 8.2 North America

#### 8.2.1 North America Food Grade DL-Malic Acid Sales by Country

##### 8.2.2 U.S.

##### 8.2.3 Canada

##### 8.2.4 Mexico

### 8.3 Europe

#### 8.3.1 Europe Food Grade DL-Malic Acid Sales by Country

##### 8.3.2 Germany

##### 8.3.3 France

##### 8.3.4 U.K.

##### 8.3.5 Italy

##### 8.3.6 Russia

### 8.4 Asia Pacific

#### 8.4.1 Asia Pacific Food Grade DL-Malic Acid Sales by Region

##### 8.4.2 China

##### 8.4.3 Japan

##### 8.4.4 South Korea

##### 8.4.5 India

##### 8.4.6 Southeast Asia

### 8.5 South America

#### 8.5.1 South America Food Grade DL-Malic Acid Sales by Country

##### 8.5.2 Brazil

##### 8.5.3 Argentina

##### 8.5.4 Columbia

### 8.6 Middle East and Africa

#### 8.6.1 Middle East and Africa Food Grade DL-Malic Acid Sales by Region

##### 8.6.2 Saudi Arabia

##### 8.6.3 UAE

##### 8.6.4 Egypt

##### 8.6.5 Nigeria

##### 8.6.6 South Africa

## 9 KEY COMPANIES PROFILE

### 9.1 Fuso Chemical

#### 9.1.1 Fuso Chemical Food Grade DL-Malic Acid Basic Information

#### 9.1.2 Fuso Chemical Food Grade DL-Malic Acid Product Overview

#### 9.1.3 Fuso Chemical Food Grade DL-Malic Acid Product Market Performance

- 9.1.4 Fuso Chemical Business Overview
- 9.1.5 Fuso Chemical Food Grade DL-Malic Acid SWOT Analysis
- 9.1.6 Fuso Chemical Recent Developments
- 9.2 Bartek
  - 9.2.1 Bartek Food Grade DL-Malic Acid Basic Information
  - 9.2.2 Bartek Food Grade DL-Malic Acid Product Overview
  - 9.2.3 Bartek Food Grade DL-Malic Acid Product Market Performance
  - 9.2.4 Bartek Business Overview
  - 9.2.5 Bartek Food Grade DL-Malic Acid SWOT Analysis
  - 9.2.6 Bartek Recent Developments
- 9.3 Isegen
  - 9.3.1 Isegen Food Grade DL-Malic Acid Basic Information
  - 9.3.2 Isegen Food Grade DL-Malic Acid Product Overview
  - 9.3.3 Isegen Food Grade DL-Malic Acid Product Market Performance
  - 9.3.4 Isegen Food Grade DL-Malic Acid SWOT Analysis
  - 9.3.5 Isegen Business Overview
  - 9.3.6 Isegen Recent Developments
- 9.4 Polynt
  - 9.4.1 Polynt Food Grade DL-Malic Acid Basic Information
  - 9.4.2 Polynt Food Grade DL-Malic Acid Product Overview
  - 9.4.3 Polynt Food Grade DL-Malic Acid Product Market Performance
  - 9.4.4 Polynt Business Overview
  - 9.4.5 Polynt Recent Developments
- 9.5 Thirumalai Chemicals
  - 9.5.1 Thirumalai Chemicals Food Grade DL-Malic Acid Basic Information
  - 9.5.2 Thirumalai Chemicals Food Grade DL-Malic Acid Product Overview
  - 9.5.3 Thirumalai Chemicals Food Grade DL-Malic Acid Product Market Performance
  - 9.5.4 Thirumalai Chemicals Business Overview
  - 9.5.5 Thirumalai Chemicals Recent Developments
- 9.6 Yongsan Chemicals
  - 9.6.1 Yongsan Chemicals Food Grade DL-Malic Acid Basic Information
  - 9.6.2 Yongsan Chemicals Food Grade DL-Malic Acid Product Overview
  - 9.6.3 Yongsan Chemicals Food Grade DL-Malic Acid Product Market Performance
  - 9.6.4 Yongsan Chemicals Business Overview
  - 9.6.5 Yongsan Chemicals Recent Developments
- 9.7 MC Food Specialties
  - 9.7.1 MC Food Specialties Food Grade DL-Malic Acid Basic Information
  - 9.7.2 MC Food Specialties Food Grade DL-Malic Acid Product Overview
  - 9.7.3 MC Food Specialties Food Grade DL-Malic Acid Product Market Performance

- 9.7.4 MC Food Specialties Business Overview
- 9.7.5 MC Food Specialties Recent Developments
- 9.8 Tate and Lyle
  - 9.8.1 Tate and Lyle Food Grade DL-Malic Acid Basic Information
  - 9.8.2 Tate and Lyle Food Grade DL-Malic Acid Product Overview
  - 9.8.3 Tate and Lyle Food Grade DL-Malic Acid Product Market Performance
  - 9.8.4 Tate and Lyle Business Overview
  - 9.8.5 Tate and Lyle Recent Developments
- 9.9 Changmao Biochemical Engineering
  - 9.9.1 Changmao Biochemical Engineering Food Grade DL-Malic Acid Basic Information
  - 9.9.2 Changmao Biochemical Engineering Food Grade DL-Malic Acid Product Overview
  - 9.9.3 Changmao Biochemical Engineering Food Grade DL-Malic Acid Product Market Performance
  - 9.9.4 Changmao Biochemical Engineering Business Overview
  - 9.9.5 Changmao Biochemical Engineering Recent Developments
- 9.10 Sealong Biotechnology
  - 9.10.1 Sealong Biotechnology Food Grade DL-Malic Acid Basic Information
  - 9.10.2 Sealong Biotechnology Food Grade DL-Malic Acid Product Overview
  - 9.10.3 Sealong Biotechnology Food Grade DL-Malic Acid Product Market Performance
  - 9.10.4 Sealong Biotechnology Business Overview
  - 9.10.5 Sealong Biotechnology Recent Developments
- 9.11 Jinhu Lile Biotechnology
  - 9.11.1 Jinhu Lile Biotechnology Food Grade DL-Malic Acid Basic Information
  - 9.11.2 Jinhu Lile Biotechnology Food Grade DL-Malic Acid Product Overview
  - 9.11.3 Jinhu Lile Biotechnology Food Grade DL-Malic Acid Product Market Performance
  - 9.11.4 Jinhu Lile Biotechnology Business Overview
  - 9.11.5 Jinhu Lile Biotechnology Recent Developments

## **10 FOOD GRADE DL-MALIC ACID MARKET FORECAST BY REGION**

- 10.1 Global Food Grade DL-Malic Acid Market Size Forecast
- 10.2 Global Food Grade DL-Malic Acid Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe Food Grade DL-Malic Acid Market Size Forecast by Country
  - 10.2.3 Asia Pacific Food Grade DL-Malic Acid Market Size Forecast by Region
  - 10.2.4 South America Food Grade DL-Malic Acid Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Food Grade DL-Malic Acid by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

11.1 Global Food Grade DL-Malic Acid Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Food Grade DL-Malic Acid by Type (2025-2030)

11.1.2 Global Food Grade DL-Malic Acid Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Food Grade DL-Malic Acid by Type (2025-2030)

11.2 Global Food Grade DL-Malic Acid Market Forecast by Application (2025-2030)

11.2.1 Global Food Grade DL-Malic Acid Sales (Kilotons) Forecast by Application

11.2.2 Global Food Grade DL-Malic Acid Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Food Grade DL-Malic Acid Market Size Comparison by Region (M USD)

Table 5. Global Food Grade DL-Malic Acid Sales (Kilotons) by Manufacturers  
(2019-2024)

Table 6. Global Food Grade DL-Malic Acid Sales Market Share by Manufacturers  
(2019-2024)

Table 7. Global Food Grade DL-Malic Acid Revenue (M USD) by Manufacturers  
(2019-2024)

Table 8. Global Food Grade DL-Malic Acid Revenue Share by Manufacturers  
(2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Food  
Grade DL-Malic Acid as of 2022)

Table 10. Global Market Food Grade DL-Malic Acid Average Price (USD/Ton) of Key  
Manufacturers (2019-2024)

Table 11. Manufacturers Food Grade DL-Malic Acid Sales Sites and Area Served

Table 12. Manufacturers Food Grade DL-Malic Acid Product Type

Table 13. Global Food Grade DL-Malic Acid Manufacturers Market Concentration Ratio  
(CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Food Grade DL-Malic Acid

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Food Grade DL-Malic Acid Market Challenges

Table 22. Global Food Grade DL-Malic Acid Sales by Type (Kilotons)

Table 23. Global Food Grade DL-Malic Acid Market Size by Type (M USD)

Table 24. Global Food Grade DL-Malic Acid Sales (Kilotons) by Type (2019-2024)

Table 25. Global Food Grade DL-Malic Acid Sales Market Share by Type (2019-2024)

Table 26. Global Food Grade DL-Malic Acid Market Size (M USD) by Type (2019-2024)

Table 27. Global Food Grade DL-Malic Acid Market Size Share by Type (2019-2024)

Table 28. Global Food Grade DL-Malic Acid Price (USD/Ton) by Type (2019-2024)

- Table 29. Global Food Grade DL-Malic Acid Sales (Kilotons) by Application
- Table 30. Global Food Grade DL-Malic Acid Market Size by Application
- Table 31. Global Food Grade DL-Malic Acid Sales by Application (2019-2024) & (Kilotons)
- Table 32. Global Food Grade DL-Malic Acid Sales Market Share by Application (2019-2024)
- Table 33. Global Food Grade DL-Malic Acid Sales by Application (2019-2024) & (M USD)
- Table 34. Global Food Grade DL-Malic Acid Market Share by Application (2019-2024)
- Table 35. Global Food Grade DL-Malic Acid Sales Growth Rate by Application (2019-2024)
- Table 36. Global Food Grade DL-Malic Acid Sales by Region (2019-2024) & (Kilotons)
- Table 37. Global Food Grade DL-Malic Acid Sales Market Share by Region (2019-2024)
- Table 38. North America Food Grade DL-Malic Acid Sales by Country (2019-2024) & (Kilotons)
- Table 39. Europe Food Grade DL-Malic Acid Sales by Country (2019-2024) & (Kilotons)
- Table 40. Asia Pacific Food Grade DL-Malic Acid Sales by Region (2019-2024) & (Kilotons)
- Table 41. South America Food Grade DL-Malic Acid Sales by Country (2019-2024) & (Kilotons)
- Table 42. Middle East and Africa Food Grade DL-Malic Acid Sales by Region (2019-2024) & (Kilotons)
- Table 43. Fuso Chemical Food Grade DL-Malic Acid Basic Information
- Table 44. Fuso Chemical Food Grade DL-Malic Acid Product Overview
- Table 45. Fuso Chemical Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 46. Fuso Chemical Business Overview
- Table 47. Fuso Chemical Food Grade DL-Malic Acid SWOT Analysis
- Table 48. Fuso Chemical Recent Developments
- Table 49. Bartek Food Grade DL-Malic Acid Basic Information
- Table 50. Bartek Food Grade DL-Malic Acid Product Overview
- Table 51. Bartek Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 52. Bartek Business Overview
- Table 53. Bartek Food Grade DL-Malic Acid SWOT Analysis
- Table 54. Bartek Recent Developments
- Table 55. Isegen Food Grade DL-Malic Acid Basic Information
- Table 56. Isegen Food Grade DL-Malic Acid Product Overview
- Table 57. Isegen Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price

(USD/Ton) and Gross Margin (2019-2024)

Table 58. Isegen Food Grade DL-Malic Acid SWOT Analysis

Table 59. Isegen Business Overview

Table 60. Isegen Recent Developments

Table 61. Polynt Food Grade DL-Malic Acid Basic Information

Table 62. Polynt Food Grade DL-Malic Acid Product Overview

Table 63. Polynt Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 64. Polynt Business Overview

Table 65. Polynt Recent Developments

Table 66. Thirumalai Chemicals Food Grade DL-Malic Acid Basic Information

Table 67. Thirumalai Chemicals Food Grade DL-Malic Acid Product Overview

Table 68. Thirumalai Chemicals Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 69. Thirumalai Chemicals Business Overview

Table 70. Thirumalai Chemicals Recent Developments

Table 71. Yongsan Chemicals Food Grade DL-Malic Acid Basic Information

Table 72. Yongsan Chemicals Food Grade DL-Malic Acid Product Overview

Table 73. Yongsan Chemicals Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 74. Yongsan Chemicals Business Overview

Table 75. Yongsan Chemicals Recent Developments

Table 76. MC Food Specialties Food Grade DL-Malic Acid Basic Information

Table 77. MC Food Specialties Food Grade DL-Malic Acid Product Overview

Table 78. MC Food Specialties Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 79. MC Food Specialties Business Overview

Table 80. MC Food Specialties Recent Developments

Table 81. Tate and Lyle Food Grade DL-Malic Acid Basic Information

Table 82. Tate and Lyle Food Grade DL-Malic Acid Product Overview

Table 83. Tate and Lyle Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 84. Tate and Lyle Business Overview

Table 85. Tate and Lyle Recent Developments

Table 86. Changmao Biochemical Engineering Food Grade DL-Malic Acid Basic Information

Table 87. Changmao Biochemical Engineering Food Grade DL-Malic Acid Product Overview

Table 88. Changmao Biochemical Engineering Food Grade DL-Malic Acid Sales



(Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 89. Changmao Biochemical Engineering Business Overview

Table 90. Changmao Biochemical Engineering Recent Developments

Table 91. Sealong Biotechnology Food Grade DL-Malic Acid Basic Information

Table 92. Sealong Biotechnology Food Grade DL-Malic Acid Product Overview

Table 93. Sealong Biotechnology Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 94. Sealong Biotechnology Business Overview

Table 95. Sealong Biotechnology Recent Developments

Table 96. Jinhu Lile Biotechnology Food Grade DL-Malic Acid Basic Information

Table 97. Jinhu Lile Biotechnology Food Grade DL-Malic Acid Product Overview

Table 98. Jinhu Lile Biotechnology Food Grade DL-Malic Acid Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 99. Jinhu Lile Biotechnology Business Overview

Table 100. Jinhu Lile Biotechnology Recent Developments

Table 101. Global Food Grade DL-Malic Acid Sales Forecast by Region (2025-2030) & (Kilotons)

Table 102. Global Food Grade DL-Malic Acid Market Size Forecast by Region (2025-2030) & (M USD)

Table 103. North America Food Grade DL-Malic Acid Sales Forecast by Country (2025-2030) & (Kilotons)

Table 104. North America Food Grade DL-Malic Acid Market Size Forecast by Country (2025-2030) & (M USD)

Table 105. Europe Food Grade DL-Malic Acid Sales Forecast by Country (2025-2030) & (Kilotons)

Table 106. Europe Food Grade DL-Malic Acid Market Size Forecast by Country (2025-2030) & (M USD)

Table 107. Asia Pacific Food Grade DL-Malic Acid Sales Forecast by Region (2025-2030) & (Kilotons)

Table 108. Asia Pacific Food Grade DL-Malic Acid Market Size Forecast by Region (2025-2030) & (M USD)

Table 109. South America Food Grade DL-Malic Acid Sales Forecast by Country (2025-2030) & (Kilotons)

Table 110. South America Food Grade DL-Malic Acid Market Size Forecast by Country (2025-2030) & (M USD)

Table 111. Middle East and Africa Food Grade DL-Malic Acid Consumption Forecast by Country (2025-2030) & (Units)

Table 112. Middle East and Africa Food Grade DL-Malic Acid Market Size Forecast by Country (2025-2030) & (M USD)

Table 113. Global Food Grade DL-Malic Acid Sales Forecast by Type (2025-2030) & (Kilotons)

Table 114. Global Food Grade DL-Malic Acid Market Size Forecast by Type (2025-2030) & (M USD)

Table 115. Global Food Grade DL-Malic Acid Price Forecast by Type (2025-2030) & (USD/Ton)

Table 116. Global Food Grade DL-Malic Acid Sales (Kilotons) Forecast by Application (2025-2030)

Table 117. Global Food Grade DL-Malic Acid Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Food Grade DL-Malic Acid
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Food Grade DL-Malic Acid Market Size (M USD), 2019-2030
- Figure 5. Global Food Grade DL-Malic Acid Market Size (M USD) (2019-2030)
- Figure 6. Global Food Grade DL-Malic Acid Sales (Kilotons) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Food Grade DL-Malic Acid Market Size by Country (M USD)
- Figure 11. Food Grade DL-Malic Acid Sales Share by Manufacturers in 2023
- Figure 12. Global Food Grade DL-Malic Acid Revenue Share by Manufacturers in 2023
- Figure 13. Food Grade DL-Malic Acid Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Food Grade DL-Malic Acid Average Price (USD/Ton) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Food Grade DL-Malic Acid Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Food Grade DL-Malic Acid Market Share by Type
- Figure 18. Sales Market Share of Food Grade DL-Malic Acid by Type (2019-2024)
- Figure 19. Sales Market Share of Food Grade DL-Malic Acid by Type in 2023
- Figure 20. Market Size Share of Food Grade DL-Malic Acid by Type (2019-2024)
- Figure 21. Market Size Market Share of Food Grade DL-Malic Acid by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Food Grade DL-Malic Acid Market Share by Application
- Figure 24. Global Food Grade DL-Malic Acid Sales Market Share by Application (2019-2024)
- Figure 25. Global Food Grade DL-Malic Acid Sales Market Share by Application in 2023
- Figure 26. Global Food Grade DL-Malic Acid Market Share by Application (2019-2024)
- Figure 27. Global Food Grade DL-Malic Acid Market Share by Application in 2023
- Figure 28. Global Food Grade DL-Malic Acid Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Food Grade DL-Malic Acid Sales Market Share by Region (2019-2024)

Figure 30. North America Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 31. North America Food Grade DL-Malic Acid Sales Market Share by Country in 2023

Figure 32. U.S. Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 33. Canada Food Grade DL-Malic Acid Sales (Kilotons) and Growth Rate (2019-2024)

Figure 34. Mexico Food Grade DL-Malic Acid Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 36. Europe Food Grade DL-Malic Acid Sales Market Share by Country in 2023

Figure 37. Germany Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 38. France Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 39. U.K. Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 40. Italy Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 41. Russia Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 42. Asia Pacific Food Grade DL-Malic Acid Sales and Growth Rate (Kilotons)

Figure 43. Asia Pacific Food Grade DL-Malic Acid Sales Market Share by Region in 2023

Figure 44. China Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 45. Japan Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 46. South Korea Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 47. India Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 48. Southeast Asia Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 49. South America Food Grade DL-Malic Acid Sales and Growth Rate (Kilotons)

Figure 50. South America Food Grade DL-Malic Acid Sales Market Share by Country in 2023

Figure 51. Brazil Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 52. Argentina Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 53. Columbia Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 54. Middle East and Africa Food Grade DL-Malic Acid Sales and Growth Rate (Kilotons)

Figure 55. Middle East and Africa Food Grade DL-Malic Acid Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 57. UAE Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 58. Egypt Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 59. Nigeria Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 60. South Africa Food Grade DL-Malic Acid Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 61. Global Food Grade DL-Malic Acid Sales Forecast by Volume (2019-2030) & (Kilotons)

Figure 62. Global Food Grade DL-Malic Acid Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Food Grade DL-Malic Acid Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Food Grade DL-Malic Acid Market Share Forecast by Type (2025-2030)

Figure 65. Global Food Grade DL-Malic Acid Sales Forecast by Application (2025-2030)

Figure 66. Global Food Grade DL-Malic Acid Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global Food Grade DL-Malic Acid Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/G16F3B8C2929EN.html>

Price: US\$ 3,200.00 (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/G16F3B8C2929EN.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