

L-Pyroglutamic Acid Market - Global Outlook and Forecast 2022-2028

https://marketpublishers.com/r/L2497CA8C68BEN.html

Date: March 2022

Pages: 74

Price: US\$ 3,250.00 (Single User License)

ID: L2497CA8C68BEN

Abstracts

This report contains market size and forecasts of L-Pyroglutamic Acid in global, including the following market information:

Global L-Pyroglutamic Acid Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global L-Pyroglutamic Acid Market Sales, 2017-2022, 2023-2028, (Kiloton)

Global top five L-Pyroglutamic Acid companies in 2021 (%)

The global L-Pyroglutamic Acid market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Assay? >=99% Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of L-Pyroglutamic Acid include Hairui Chemical, Cangzhou Enke Pharma-tech, Kunshan Chengdong Chemical, Ningbo Haishuo Biotechnology, Weifang Runzhong Fine Chemical and Changzhou Golden Bright Pharmaceutical Factory, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the L-Pyroglutamic Acid manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan,



industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment	Total	Market	by	Sec	ment
-------------------------	-------	--------	----	-----	------

Global L-Pyroglutamic Acid Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global L-Pyroglutamic Acid Market Segment Percentages, by Type, 2021 (%)

Assay? >=99%

Assay 98%

Assay 97%

Other

Global L-Pyroglutamic Acid Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global L-Pyroglutamic Acid Market Segment Percentages, by Application, 2021 (%)

Food Supplement

Medicine

Other

Global L-Pyroglutamic Acid Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global L-Pyroglutamic Acid Market Segment Percentages, By Region and Country, 2021 (%)

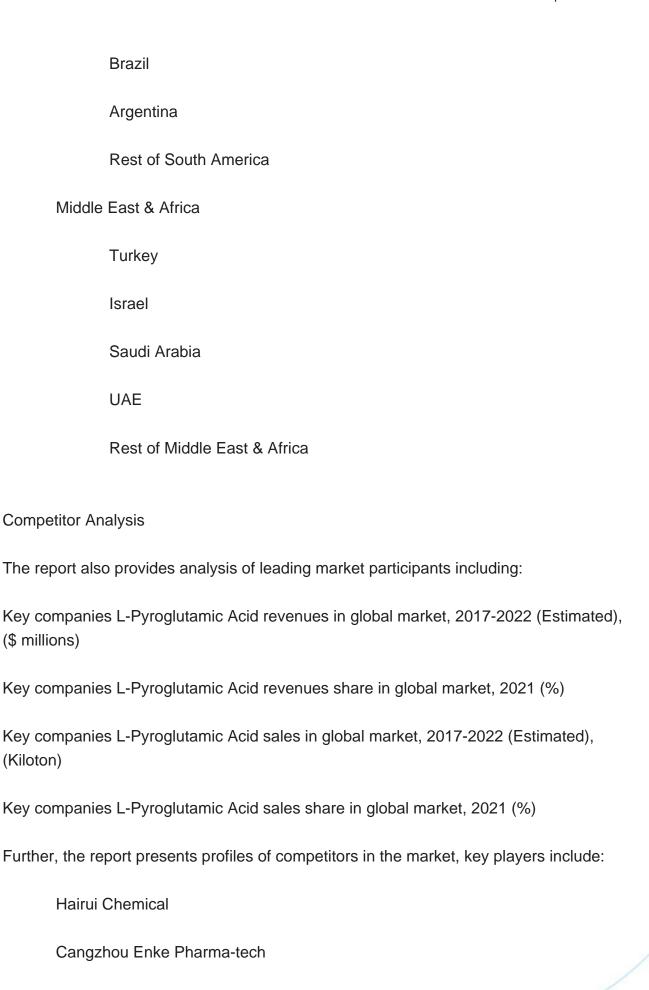
North America

US



	Canada		
	Mexico		
Europe			
	Germany		
	France		
	U.K.		
	Italy		
	Russia		
	Nordic Countries		
	Benelux		
	Rest of Europe		
Asia			
	China		
	Japan		
	South Korea		
	Southeast Asia		
	India		
	Rest of Asia		
South America			







Kunshan Chengdong Chemical

Ningbo Haishuo Biotechnology

Weifang Runzhong Fine Chemical

Changzhou Golden Bright Pharmaceutical Factory



Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 L-Pyroglutamic Acid Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global L-Pyroglutamic Acid Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL L-PYROGLUTAMIC ACID OVERALL MARKET SIZE

- 2.1 Global L-Pyroglutamic Acid Market Size: 2021 VS 2028
- 2.2 Global L-Pyroglutamic Acid Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global L-Pyroglutamic Acid Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top L-Pyroglutamic Acid Players in Global Market
- 3.2 Top Global L-Pyroglutamic Acid Companies Ranked by Revenue
- 3.3 Global L-Pyroglutamic Acid Revenue by Companies
- 3.4 Global L-Pyroglutamic Acid Sales by Companies
- 3.5 Global L-Pyroglutamic Acid Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 L-Pyroglutamic Acid Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers L-Pyroglutamic Acid Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 L-Pyroglutamic Acid Players in Global Market
 - 3.8.1 List of Global Tier 1 L-Pyroglutamic Acid Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 L-Pyroglutamic Acid Companies

4 SIGHTS BY PRODUCT

4.1 Overview



- 4.1.1 By Type Global L-Pyroglutamic Acid Market Size Markets, 2021 & 2028
- 4.1.2 Assay? >=99%
- 4.1.3 Assay 98%
- 4.1.4 Assay 97%
- 4.1.5 Other
- 4.2 By Type Global L-Pyroglutamic Acid Revenue & Forecasts
 - 4.2.1 By Type Global L-Pyroglutamic Acid Revenue, 2017-2022
 - 4.2.2 By Type Global L-Pyroglutamic Acid Revenue, 2023-2028
 - 4.2.3 By Type Global L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- 4.3 By Type Global L-Pyroglutamic Acid Sales & Forecasts
- 4.3.1 By Type Global L-Pyroglutamic Acid Sales, 2017-2022
- 4.3.2 By Type Global L-Pyroglutamic Acid Sales, 2023-2028
- 4.3.3 By Type Global L-Pyroglutamic Acid Sales Market Share, 2017-2028
- 4.4 By Type Global L-Pyroglutamic Acid Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application Global L-Pyroglutamic Acid Market Size, 2021 & 2028
 - 5.1.2 Food Supplement
 - 5.1.3 Medicine
 - 5.1.4 Other
- 5.2 By Application Global L-Pyroglutamic Acid Revenue & Forecasts
 - 5.2.1 By Application Global L-Pyroglutamic Acid Revenue, 2017-2022
 - 5.2.2 By Application Global L-Pyroglutamic Acid Revenue, 2023-2028
 - 5.2.3 By Application Global L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- 5.3 By Application Global L-Pyroglutamic Acid Sales & Forecasts
 - 5.3.1 By Application Global L-Pyroglutamic Acid Sales, 2017-2022
 - 5.3.2 By Application Global L-Pyroglutamic Acid Sales, 2023-2028
 - 5.3.3 By Application Global L-Pyroglutamic Acid Sales Market Share, 2017-2028
- 5.4 By Application Global L-Pyroglutamic Acid Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region Global L-Pyroglutamic Acid Market Size, 2021 & 2028
- 6.2 By Region Global L-Pyroglutamic Acid Revenue & Forecasts
 - 6.2.1 By Region Global L-Pyroglutamic Acid Revenue, 2017-2022



- 6.2.2 By Region Global L-Pyroglutamic Acid Revenue, 2023-2028
- 6.2.3 By Region Global L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- 6.3 By Region Global L-Pyroglutamic Acid Sales & Forecasts
 - 6.3.1 By Region Global L-Pyroglutamic Acid Sales, 2017-2022
 - 6.3.2 By Region Global L-Pyroglutamic Acid Sales, 2023-2028
 - 6.3.3 By Region Global L-Pyroglutamic Acid Sales Market Share, 2017-2028
- 6.4 North America
 - 6.4.1 By Country North America L-Pyroglutamic Acid Revenue, 2017-2028
 - 6.4.2 By Country North America L-Pyroglutamic Acid Sales, 2017-2028
 - 6.4.3 US L-Pyroglutamic Acid Market Size, 2017-2028
 - 6.4.4 Canada L-Pyroglutamic Acid Market Size, 2017-2028
 - 6.4.5 Mexico L-Pyroglutamic Acid Market Size, 2017-2028

6.5 Europe

- 6.5.1 By Country Europe L-Pyroglutamic Acid Revenue, 2017-2028
- 6.5.2 By Country Europe L-Pyroglutamic Acid Sales, 2017-2028
- 6.5.3 Germany L-Pyroglutamic Acid Market Size, 2017-2028
- 6.5.4 France L-Pyroglutamic Acid Market Size, 2017-2028
- 6.5.5 U.K. L-Pyroglutamic Acid Market Size, 2017-2028
- 6.5.6 Italy L-Pyroglutamic Acid Market Size, 2017-2028
- 6.5.7 Russia L-Pyroglutamic Acid Market Size, 2017-2028
- 6.5.8 Nordic Countries L-Pyroglutamic Acid Market Size, 2017-2028
- 6.5.9 Benelux L-Pyroglutamic Acid Market Size, 2017-2028

6.6 Asia

- 6.6.1 By Region Asia L-Pyroglutamic Acid Revenue, 2017-2028
- 6.6.2 By Region Asia L-Pyroglutamic Acid Sales, 2017-2028
- 6.6.3 China L-Pyroglutamic Acid Market Size, 2017-2028
- 6.6.4 Japan L-Pyroglutamic Acid Market Size, 2017-2028
- 6.6.5 South Korea L-Pyroglutamic Acid Market Size, 2017-2028
- 6.6.6 Southeast Asia L-Pyroglutamic Acid Market Size, 2017-2028
- 6.6.7 India L-Pyroglutamic Acid Market Size, 2017-2028

6.7 South America

- 6.7.1 By Country South America L-Pyroglutamic Acid Revenue, 2017-2028
- 6.7.2 By Country South America L-Pyroglutamic Acid Sales, 2017-2028
- 6.7.3 Brazil L-Pyroglutamic Acid Market Size, 2017-2028
- 6.7.4 Argentina L-Pyroglutamic Acid Market Size, 2017-2028

6.8 Middle East & Africa

- 6.8.1 By Country Middle East & Africa L-Pyroglutamic Acid Revenue, 2017-2028
- 6.8.2 By Country Middle East & Africa L-Pyroglutamic Acid Sales, 2017-2028
- 6.8.3 Turkey L-Pyroglutamic Acid Market Size, 2017-2028



- 6.8.4 Israel L-Pyroglutamic Acid Market Size, 2017-2028
- 6.8.5 Saudi Arabia L-Pyroglutamic Acid Market Size, 2017-2028
- 6.8.6 UAE L-Pyroglutamic Acid Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

- 7.1 Hairui Chemical
 - 7.1.1 Hairui Chemical Corporate Summary
 - 7.1.2 Hairui Chemical Business Overview
 - 7.1.3 Hairui Chemical L-Pyroglutamic Acid Major Product Offerings
 - 7.1.4 Hairui Chemical L-Pyroglutamic Acid Sales and Revenue in Global (2017-2022)
 - 7.1.5 Hairui Chemical Key News
- 7.2 Cangzhou Enke Pharma-tech
 - 7.2.1 Cangzhou Enke Pharma-tech Corporate Summary
 - 7.2.2 Cangzhou Enke Pharma-tech Business Overview
- 7.2.3 Cangzhou Enke Pharma-tech L-Pyroglutamic Acid Major Product Offerings
- 7.2.4 Cangzhou Enke Pharma-tech L-Pyroglutamic Acid Sales and Revenue in Global (2017-2022)
- 7.2.5 Cangzhou Enke Pharma-tech Key News
- 7.3 Kunshan Chengdong Chemical
 - 7.3.1 Kunshan Chengdong Chemical Corporate Summary
 - 7.3.2 Kunshan Chengdong Chemical Business Overview
 - 7.3.3 Kunshan Chengdong Chemical L-Pyroglutamic Acid Major Product Offerings
- 7.3.4 Kunshan Chengdong Chemical L-Pyroglutamic Acid Sales and Revenue in Global (2017-2022)
- 7.3.5 Kunshan Chengdong Chemical Key News
- 7.4 Ningbo Haishuo Biotechnology
 - 7.4.1 Ningbo Haishuo Biotechnology Corporate Summary
 - 7.4.2 Ningbo Haishuo Biotechnology Business Overview
 - 7.4.3 Ningbo Haishuo Biotechnology L-Pyroglutamic Acid Major Product Offerings
- 7.4.4 Ningbo Haishuo Biotechnology L-Pyroglutamic Acid Sales and Revenue in Global (2017-2022)
 - 7.4.5 Ningbo Haishuo Biotechnology Key News
- 7.5 Weifang Runzhong Fine Chemical
 - 7.5.1 Weifang Runzhong Fine Chemical Corporate Summary
 - 7.5.2 Weifang Runzhong Fine Chemical Business Overview
 - 7.5.3 Weifang Runzhong Fine Chemical L-Pyroglutamic Acid Major Product Offerings
- 7.5.4 Weifang Runzhong Fine Chemical L-Pyroglutamic Acid Sales and Revenue in Global (2017-2022)



- 7.5.5 Weifang Runzhong Fine Chemical Key News
- 7.6 Changzhou Golden Bright Pharmaceutical Factory
 - 7.6.1 Changzhou Golden Bright Pharmaceutical Factory Corporate Summary
 - 7.6.2 Changzhou Golden Bright Pharmaceutical Factory Business Overview
- 7.6.3 Changzhou Golden Bright Pharmaceutical Factory L-Pyroglutamic Acid Major Product Offerings
- 7.6.4 Changzhou Golden Bright Pharmaceutical Factory L-Pyroglutamic Acid Sales and Revenue in Global (2017-2022)
- 7.6.5 Changzhou Golden Bright Pharmaceutical Factory Key News

8 GLOBAL L-PYROGLUTAMIC ACID PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global L-Pyroglutamic Acid Production Capacity, 2017-2028
- 8.2 L-Pyroglutamic Acid Production Capacity of Key Manufacturers in Global Market
- 8.3 Global L-Pyroglutamic Acid Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

10 L-PYROGLUTAMIC ACID SUPPLY CHAIN ANALYSIS

- 10.1 L-Pyroglutamic Acid Industry Value Chain
- 10.2 L-Pyroglutamic Acid Upstream Market
- 10.3 L-Pyroglutamic Acid Downstream and Clients
- 10.4 Marketing Channels Analysis
 - 10.4.1 Marketing Channels
 - 10.4.2 L-Pyroglutamic Acid Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

- 12.1 Note
- 12.2 Examples of Clients
- 12.3 Disclaimer



List Of Tables

LIST OF TABLES

- Table 1. Key Players of L-Pyroglutamic Acid in Global Market
- Table 2. Top L-Pyroglutamic Acid Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global L-Pyroglutamic Acid Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global L-Pyroglutamic Acid Revenue Share by Companies, 2017-2022
- Table 5. Global L-Pyroglutamic Acid Sales by Companies, (Kiloton), 2017-2022
- Table 6. Global L-Pyroglutamic Acid Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers L-Pyroglutamic Acid Price (2017-2022) & (US\$/Ton)
- Table 8. Global Manufacturers L-Pyroglutamic Acid Product Type
- Table 9. List of Global Tier 1 L-Pyroglutamic Acid Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 L-Pyroglutamic Acid Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type Global L-Pyroglutamic Acid Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type Global L-Pyroglutamic Acid Revenue (US\$, Mn), 2017-2022
- Table 13. By Type Global L-Pyroglutamic Acid Revenue (US\$, Mn), 2023-2028
- Table 14. By Type Global L-Pyroglutamic Acid Sales (Kiloton), 2017-2022
- Table 15. By Type Global L-Pyroglutamic Acid Sales (Kiloton), 2023-2028
- Table 16. By Application Global L-Pyroglutamic Acid Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application Global L-Pyroglutamic Acid Revenue (US\$, Mn), 2017-2022
- Table 18. By Application Global L-Pyroglutamic Acid Revenue (US\$, Mn), 2023-2028
- Table 19. By Application Global L-Pyroglutamic Acid Sales (Kiloton), 2017-2022
- Table 20. By Application Global L-Pyroglutamic Acid Sales (Kiloton), 2023-2028
- Table 21. By Region Global L-Pyroglutamic Acid Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region Global L-Pyroglutamic Acid Revenue (US\$, Mn), 2017-2022
- Table 23. By Region Global L-Pyroglutamic Acid Revenue (US\$, Mn), 2023-2028
- Table 24. By Region Global L-Pyroglutamic Acid Sales (Kiloton), 2017-2022
- Table 25. By Region Global L-Pyroglutamic Acid Sales (Kiloton), 2023-2028
- Table 26. By Country North America L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country North America L-Pyroglutamic Acid Revenue, (US\$, Mn), 2023-2028
- Table 28. By Country North America L-Pyroglutamic Acid Sales, (Kiloton), 2017-2022
- Table 29. By Country North America L-Pyroglutamic Acid Sales, (Kiloton), 2023-2028
- Table 30. By Country Europe L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2022



- Table 31. By Country Europe L-Pyroglutamic Acid Revenue, (US\$, Mn), 2023-2028
- Table 32. By Country Europe L-Pyroglutamic Acid Sales, (Kiloton), 2017-2022
- Table 33. By Country Europe L-Pyroglutamic Acid Sales, (Kiloton), 2023-2028
- Table 34. By Region Asia L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2022
- Table 35. By Region Asia L-Pyroglutamic Acid Revenue, (US\$, Mn), 2023-2028
- Table 36. By Region Asia L-Pyroglutamic Acid Sales, (Kiloton), 2017-2022
- Table 37. By Region Asia L-Pyroglutamic Acid Sales, (Kiloton), 2023-2028
- Table 38. By Country South America L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2022
- Table 39. By Country South America L-Pyroglutamic Acid Revenue, (US\$, Mn), 2023-2028
- Table 40. By Country South America L-Pyroglutamic Acid Sales, (Kiloton), 2017-2022
- Table 41. By Country South America L-Pyroglutamic Acid Sales, (Kiloton), 2023-2028
- Table 42. By Country Middle East & Africa L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2022
- Table 43. By Country Middle East & Africa L-Pyroglutamic Acid Revenue, (US\$, Mn), 2023-2028
- Table 44. By Country Middle East & Africa L-Pyroglutamic Acid Sales, (Kiloton), 2017-2022
- Table 45. By Country Middle East & Africa L-Pyroglutamic Acid Sales, (Kiloton), 2023-2028
- Table 46. Hairui Chemical Corporate Summary
- Table 47. Hairui Chemical L-Pyroglutamic Acid Product Offerings
- Table 48. Hairui Chemical L-Pyroglutamic Acid Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 49. Cangzhou Enke Pharma-tech Corporate Summary
- Table 50. Cangzhou Enke Pharma-tech L-Pyroglutamic Acid Product Offerings
- Table 51. Cangzhou Enke Pharma-tech L-Pyroglutamic Acid Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 52. Kunshan Chengdong Chemical Corporate Summary
- Table 53. Kunshan Chengdong Chemical L-Pyroglutamic Acid Product Offerings
- Table 54. Kunshan Chengdong Chemical L-Pyroglutamic Acid Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 55. Ningbo Haishuo Biotechnology Corporate Summary
- Table 56. Ningbo Haishuo Biotechnology L-Pyroglutamic Acid Product Offerings
- Table 57. Ningbo Haishuo Biotechnology L-Pyroglutamic Acid Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 58. Weifang Runzhong Fine Chemical Corporate Summary
- Table 59. Weifang Runzhong Fine Chemical L-Pyroglutamic Acid Product Offerings



Table 60. Weifang Runzhong Fine Chemical L-Pyroglutamic Acid Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 61. Changzhou Golden Bright Pharmaceutical Factory Corporate Summary

Table 62. Changzhou Golden Bright Pharmaceutical Factory L-Pyroglutamic Acid Product Offerings

Table 63. Changzhou Golden Bright Pharmaceutical Factory L-Pyroglutamic Acid Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 64. L-Pyroglutamic Acid Production Capacity (Kiloton) of Key Manufacturers in Global Market, 2020-2022 (Kiloton)

Table 65. Global L-Pyroglutamic Acid Capacity Market Share of Key Manufacturers, 2020-2022

Table 66. Global L-Pyroglutamic Acid Production by Region, 2017-2022 (Kiloton)

Table 67. Global L-Pyroglutamic Acid Production by Region, 2023-2028 (Kiloton)

Table 68. L-Pyroglutamic Acid Market Opportunities & Trends in Global Market

Table 69. L-Pyroglutamic Acid Market Drivers in Global Market

Table 70. L-Pyroglutamic Acid Market Restraints in Global Market

Table 71. L-Pyroglutamic Acid Raw Materials

Table 72. L-Pyroglutamic Acid Raw Materials Suppliers in Global Market

Table 73. Typical L-Pyroglutamic Acid Downstream

Table 74. L-Pyroglutamic Acid Downstream Clients in Global Market

Table 75. L-Pyroglutamic Acid Distributors and Sales Agents in Global Market



List Of Figures

LIST OF FIGURES

- Figure 1. L-Pyroglutamic Acid Segment by Type
- Figure 2. L-Pyroglutamic Acid Segment by Application
- Figure 3. Global L-Pyroglutamic Acid Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global L-Pyroglutamic Acid Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global L-Pyroglutamic Acid Revenue, 2017-2028 (US\$, Mn)
- Figure 7. L-Pyroglutamic Acid Sales in Global Market: 2017-2028 (Kiloton)
- Figure 8. The Top 3 and 5 Players Market Share by L-Pyroglutamic Acid Revenue in 2021
- Figure 9. By Type Global L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 10. By Type Global L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- Figure 11. By Type Global L-Pyroglutamic Acid Price (US\$/Ton), 2017-2028
- Figure 12. By Application Global L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 13. By Application Global L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- Figure 14. By Application Global L-Pyroglutamic Acid Price (US\$/Ton), 2017-2028
- Figure 15. By Region Global L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 16. By Region Global L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- Figure 17. By Country North America L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- Figure 18. By Country North America L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 19. US L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country Europe L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- Figure 23. By Country Europe L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 24. Germany L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 25. France L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region Asia L-Pyroglutamic Acid Revenue Market Share, 2017-2028



- Figure 32. By Region Asia L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 33. China L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 37. India L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country South America L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- Figure 39. By Country South America L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 40. Brazil L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country Middle East & Africa L-Pyroglutamic Acid Revenue Market Share, 2017-2028
- Figure 43. By Country Middle East & Africa L-Pyroglutamic Acid Sales Market Share, 2017-2028
- Figure 44. Turkey L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE L-Pyroglutamic Acid Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global L-Pyroglutamic Acid Production Capacity (Kiloton), 2017-2028
- Figure 49. The Percentage of Production L-Pyroglutamic Acid by Region, 2021 VS 2028
- Figure 50. L-Pyroglutamic Acid Industry Value Chain
- Figure 51. Marketing Channels



I would like to order

Product name: L-Pyroglutamic Acid Market - Global Outlook and Forecast 2022-2028

Product link: https://marketpublishers.com/r/L2497CA8C68BEN.html

Price: US\$ 3,250.00 (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/L2497CA8C68BEN.html