

Global Poly-gamma-glutamic Acid Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Poly-gamma-glutamic Acid market size was valued at USD 422.5 million in 2023 and is forecast to a readjusted size of USD 682.5 million by 2030 with a CAGR of 7.1% during review period.

Poly-gamma-glutamic Acid (CAS 84960-48-5), is a water-soluble, biodegradable, non-toxic, biopolymer prepared by microbial fermentation, used in food, cosmetics, etc.

Global key players of Poly-Gamma-Glutamic Acid include Nanjing Shineking Biotech, Vedan Biotechnology, Shandong Changrui, Bloomage Biotech, Shandong Freda, etc. The top five players hold a share about 40%. In terms of product type, 700,000 Molecular Weight is the largest segment, occupied for a share of about 44%, and in terms of application, Fertilizer has a share about 33 percent.

The Global Info Research report includes an overview of the development of the Poly-gamma-glutamic Acid industry chain, the market status of Fertilizer (Molecular Weight Below 20,000, 700,000 Molecular Weight), Medicines & Health Products (Molecular Weight Below 20,000, 700,000 Molecular Weight), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Poly-gamma-glutamic Acid.

Regionally, the report analyzes the Poly-gamma-glutamic 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 Poly-gamma-glutamic Acid market, with robust domestic demand, supportive

policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Poly-gamma-glutamic 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 Poly-gamma-glutamic 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 (MT), revenue generated, and market share of different by Type (e.g., Molecular Weight Below 20,000, 700,000 Molecular Weight).

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 Poly-gamma-glutamic Acid market.

Regional Analysis: The report involves examining the Poly-gamma-glutamic 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 Poly-gamma-glutamic 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 Poly-gamma-glutamic Acid:

Company Analysis: Report covers individual Poly-gamma-glutamic 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 Poly-gamma-glutamic Acid This may involve surveys, interviews, and

analysis of consumer reviews and feedback from different by Application (Fertilizer, Medicines & Health Products).

Technology Analysis: Report covers specific technologies relevant to Poly-gamma-glutamic Acid. It assesses the current state, advancements, and potential future developments in Poly-gamma-glutamic Acid areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Poly-gamma-glutamic 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

Poly-gamma-glutamic 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

Molecular Weight Below 20,000

700,000 Molecular Weight

1 million Molecular Weight

Above 1.5 million Molecular Weight

Market segment by Application

Fertilizer

Medicines & Health Products

Food & Drinks

Cosmetic

Others

Major players covered

Vedan Biotechnology

Bioleaders

Ichimaru Pharcos

Shandong Freda

Nanjing Shineking Biotech

Guanghua Group

Nanjing Sai Taisi Biotechnology

Zytex

Shandong Changrui

Shandong Taihe Biotech

Lion King Biotechnology

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 Poly-gamma-glutamic Acid product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Poly-gamma-glutamic Acid, with price, sales, revenue and global market share of Poly-gamma-glutamic Acid from 2019 to 2024.

Chapter 3, the Poly-gamma-glutamic Acid competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Poly-gamma-glutamic 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 Poly-gamma-glutamic 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 Poly-gamma-glutamic Acid.

Chapter 14 and 15, to describe Poly-gamma-glutamic Acid sales channel, distributors, customers, research findings and conclusion.

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