

# Global Agricultural Grade Polyglutamic Acid Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Agricultural Grade Polyglutamic Acid market size is expected to reach \$ 154.6 million by 2029, rising at a market growth of 3.8% CAGR during the forecast period (2023-2029).

The development trend for Agricultural Grade Polyglutamic Acid is expected to be positive in the coming years. With the growing awareness about the harmful effects of chemical fertilizers and pesticides, there is a rising demand for organic and sustainable agricultural practices. Polyglutamic acid, being a natural and biodegradable polymer, is considered an eco-friendly alternative to synthetic fertilizers and pesticides. Agricultural Grade Polyglutamic Acid has been found to improve crop yield and quality by enhancing nutrient absorption, promoting root growth, and increasing water retention in the soil. Farmers are increasingly adopting this technology to maximize their productivity and profitability. Many governments around the world are promoting sustainable agriculture practices through subsidies, grants, and regulations. This support encourages farmers to adopt eco-friendly solutions like Agricultural Grade Polyglutamic Acid, further driving its development and adoption.

This report studies the global Agricultural Grade Polyglutamic Acid production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Agricultural Grade Polyglutamic Acid, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Agricultural Grade Polyglutamic Acid that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Agricultural Grade Polyglutamic Acid total production and demand, 2018-2029, (Tons)

Global Agricultural Grade Polyglutamic Acid total production value, 2018-2029, (USD Million)

Global Agricultural Grade Polyglutamic Acid production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Agricultural Grade Polyglutamic Acid consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Agricultural Grade Polyglutamic Acid domestic production, consumption, key domestic manufacturers and share

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

Global Agricultural Grade Polyglutamic Acid production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Agricultural Grade Polyglutamic Acid production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Agricultural Grade Polyglutamic Acid market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include FREDA, Nanjing Shineking Biotech, Lubon Biology, Nanjing Essence Fine Chemical, Baoding Faithful Industry, MCBIOTEC, lionkingbio, SHANDONG PEPTIDE ANDBIOTECHNOLOGY and sdchangruikj, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Agricultural Grade Polyglutamic Acid market.

## Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

## Global Agricultural Grade Polyglutamic Acid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Agricultural Grade Polyglutamic Acid Market, Segmentation by Type

Powder

Aquae

Others

## Global Agricultural Grade Polyglutamic Acid Market, Segmentation by Application

Soil Improvement

Fertilizer Enhancement

Plant Growth Promotion

Others

#### Companies Profiled:

FREDA

Nanjing Shineking Biotech

Lubon Biology

Nanjing Essence Fine Chemical

Baoding Faithful Industry

MCBIOTEC

lionkingbio

SHANDONG PEPTIDE ANDBIOTECHNOLOGY

sdchangruikj

JIUTAI GROUP

GUANGHUA CORP

SXBC

#### Key Questions Answered

1. How big is the global Agricultural Grade Polyglutamic Acid market?

2. What is the demand of the global Agricultural Grade Polyglutamic Acid market?

3. What is the year over year growth of the global Agricultural Grade Polyglutamic Acid market?

4. What is the production and production value of the global Agricultural Grade Polyglutamic Acid market?

5. Who are the key producers in the global Agricultural Grade Polyglutamic Acid market?

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