

# Global Transglutaminase Enzyme 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 Transglutaminase Enzyme market size was valued at USD 232.5 million in 2023 and is forecast to a readjusted size of USD 318.4 million by 2030 with a CAGR of 4.6% during review period.

Transglutaminase is an enzyme that catalyzes the formation of isopeptide bonds between proteins.

Its cross-linking property is widely used in various processes: to manufacture cheese and other dairy products, in meat processing, to produce edible films and to manufacture bakery products. Transglutaminase has considerable potential to improve the firmness, viscosity, elasticity and water-binding capacity of food products.

At this stage, the production technology is mainly microbial fermentation method. And Ajinomoto is the first enterprises to achieve commercial production with microbial fermentation method in the end of 1980s.

Global key players of Transglutaminase Enzyme include Ajinomoto, Taixing Dongsheng, Yiming Biological, Kinry, etc. The top four players hold a share over 82%.

Asia-Pacific is the largest market, has a share about 39%, followed by Europe and North America, with share 30% and 26%, separately.

In terms of product type, 100 U/g – 200 U/g is the largest segment, occupied for a share of 50%, and in terms of application, Meat has a share about 31%.

The Global Info Research report includes an overview of the development of the Transglutaminase Enzyme industry chain, the market status of Meat (Below 100 U/g, 100 U/g – 200 U/g), Fish (Below 100 U/g, 100 U/g – 200 U/g), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Transglutaminase Enzyme.

Regionally, the report analyzes the Transglutaminase Enzyme 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 Transglutaminase Enzyme market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Transglutaminase Enzyme 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 Transglutaminase Enzyme 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., Below 100 U/g, 100 U/g – 200 U/g).

**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 Transglutaminase Enzyme market.

**Regional Analysis:** The report involves examining the Transglutaminase Enzyme 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 Transglutaminase Enzyme market. This may include estimating market growth rates, predicting market demand, and identifying emerging

trends.

The report also involves a more granular approach to Transglutaminase Enzyme:

**Company Analysis:** Report covers individual Transglutaminase Enzyme 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 Transglutaminase Enzyme. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Meat, Fish).

**Technology Analysis:** Report covers specific technologies relevant to Transglutaminase Enzyme. It assesses the current state, advancements, and potential future developments in Transglutaminase Enzyme areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Transglutaminase Enzyme 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

Transglutaminase Enzyme 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

Below 100 U/g

100 U/g – 200 U/g

Above 200 U/g

## Market segment by Application

Meat

Fish

Dairy

Flour

Other

## Major players covered

Ajinomoto

C & P Group GmbH

Micro-Tech Foods Ingredients

BDF Natural Ingredients

Yiming Biological

Taixing Dongsheng

Kinry

Pangbo Biological

## 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 Transglutaminase Enzyme product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Transglutaminase Enzyme, with price, sales, revenue and global market share of Transglutaminase Enzyme from 2019 to 2024.

Chapter 3, the Transglutaminase Enzyme competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Transglutaminase Enzyme 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 Transglutaminase Enzyme 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 Transglutaminase Enzyme.

Chapter 14 and 15, to describe Transglutaminase Enzyme sales channel, distributors,

customers, research findings and conclusion.

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