

Food Enzymes - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Food Enzymes market is accounted for \$2.03 billion in 2020 and is expected to reach \$3.89 billion by 2028 growing at a CAGR of 8.5% during the forecast period. Some of the key factors propelling the market growth include rising demand for packaged and processed food, increasing need for food waste reduction and food security, rising customer awareness of nutrition-rich diet, increasing penetration of organized retail channels in rural and urban areas, and introduction of innovative technologies. However, restricted temperature and pH operational range is restricting the market growth.

Food enzymes are used to enhance the quality and improve the nutritional properties of food & beverage products. Enzymes are natural proteins derived from plants, animals, and microbial sources. These enzymes help in simplifying the food processing steps, which directly uplifts the food quality. Food enzymes are also added to enhance the flavors, texture, and organoleptic properties of foods & beverages. It has a wide range of applications in meat processing, alcoholic beverages, dairy industries, and manufacturing of pre-digested foods. These food enzymes are also utilized as natural fermentation agents for various specialty foods and amino-acids.

By type, the carbohydrase segment is expected to grow at the significant rate during the forecast period, due to the development of advanced technologies such as enzyme engineering. Through the process of enzyme engineering, carbohydrase can be manufactured chemically and not through plants or animals. Carbohydrases are used in food applications, to cater to various industries such as bakery & confectionery, dairy, and processed food. They have added advantages to various food applications due to their cost-effectiveness, less time & space consumption, and ease in modification and optimization of the process. Carbohydrases are classified into amylases, cellulases, and other carbohydrases (such as pectinases, lactases, mannanases, and pullulanases). Amylase is used in the baking industry as the addition of amylase to the dough,

enhances the fermentation rate which results in the reduction of the viscosity of dough, further improving the volume and texture of the product.

On the basis of geography, North America region is estimated to have considerable market growth during the forecast period, owing to the increasing demand for enzymes in food applications, high consumption of meat and meat products in the region, and increased processed food demand in countries such as the U.S and Canada. Technological innovations in machinery, optimization of production, logistics, and globalization of business have made the food & beverage industry one of the essential sectors in North America. The United States is the market leader of enzyme production and consumption at the regional and global levels attributed to increased expenditure in premium quality products and consumer preference for processed foods incorporated with naturally sourced ingredients.

Some of the key players in Food Enzymes Market include Koninklijke DSM N.V., Associated British Foods plc, Jiangsu Boli Bioproducts Co., Ltd., Novozymes, Advanced Enzyme Technologies., Biocatalysts Limited, E. I. du Pont de Nemours and Company, Kerry Group, Aumgene Biosciences, Infinita Biotech Private Limited, BASF SE, Chr. Hansen Holding A/S, Amano Enzyme Inc., Ultra Bio-Logics Inc., SUNSON Industry Group Co., Ltd, and Puratos Group.

Sources Covered:

Plant-Based Enzymes

Microorganism-Based Enzymes

Animal-Based Enzymes

Origins Covered:

Synthetic Flavors

Natural Flavors

Forms Covered:

Lyophilized Liquid

Lyophilized Powder

Solid

Components Covered:

Flavoring Tastes

Flavoring Smell

Flavoring Colors

Types Covered:

Proteases

Polymerase

Carbohydrase

Phytases

Catalases

Nucleases

Lipases

Rennet

Lyases

Hydrolases

Oxidoreductases

Ligases

Other Types

Applications Covered:

Beverages

Food

Animal Feed

Fats & Spreads

Protein Modification

Starch Modification

Grain and Oilseed Processing

Inulin

Additives

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

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