

# **India Enzymes Market, By Type (Amylases, Cellulases, Proteases, Lipases, Phytases and Others), By Source (Micro-Organisms, Plants and Animals), By Application (Food & Beverages, Cleaning Agents, Animal Feed, Biofuel and Others), By Region, Competition, Forecast & Opportunities, 2028**

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## **Abstracts**

The India enzymes market stood at USD 390.68 Million in 2022 and is expected to grow at a CAGR of 8.67% during the forecast period. Development in various industries such as food processing, bakery, and dairy is driving the market. The market is being driven by advancements in food technology in the nation and rising consumer awareness of higher-quality goods made with the help of enzymes. They also improve the raw material processing for the fermentation of dairy and beverages. Another significant area where enzymes are crucial is baking. The market is expanding quickly owing to increasing domestic demand for processed foods and the vast range of ways enzymes are used in the processed food business. Furthermore, there is a rising demand for nutrient-rich foods and drinks in India. Food enzymes are now being used more frequently to improve the quality of these items because of this. Additionally, commercial usage of proteases in the detergent industry is widespread. Proteases are a crucial component or ingredient in many detergent formulations used to clean contact lenses, dentures, and domestic laundry, and is expected to drive the growth of the India enzymes market during the forecast period.

### **Demand From Processing Food**

Food enzymes are essential for processing protein, starch, and all other food components. They are also used to improve the raw material processing for

fermentation of dairy and beverages. Another notable industry where enzymes are important is baking. The bakery segment has the highest enzyme application in the country. Furthermore, focus on the bakery enzyme for gluten-free products is the key area of the company's new product developments. Owing to the rising demand for processed food in the nation and the extensive use of enzymes in the processed food sector, the market is expanding quickly.

### Technological Advancements

Technological advancements and product innovations are the key factors influencing the market. Owing to their distinctive characteristics and the immense capacity for catalysis in extreme conditions, extremophile enzymes are attracting the attention of researchers. Additionally, advances in naturally occurring enzymes are being achieved using various recombinant DNA technologies and protein engineering tools, which enables redesigning the enzymes for better process compatibility. For example, because cold-active proteases can catalyze at low temperatures, which reduces energy use and results in other advantages, including cost savings from retaining fabric quality lost while using phosphate, their use is growing, especially in the detergent sector.

### Market Segmentation

The India enzymes market is segmented by type, source, application, region, and company. Based on type, the market is divided into amylases, cellulases, proteases, lipases, and phytases. Based on source, the market is divided into micro-organisms, plants, and animals. Based on application, the market is divided into food & beverages, cleaning agents, animal feed, biofuel and others.

### Market Players

Rossari Biotech Ltd, Novozymes South Asia Pvt Ltd, Advanced Enzyme Technologies Ltd, Lumis Biotech Pvt Ltd, Anthem Biosciences Pvt Ltd, Tex Biosciences (P) Limited, Noor Enzymes Private Limited, Fruzyme Biotech India Private Limited, Fermenta Biotech Limited, Caprienzymes Technology Private Limited are some of the leading companies operating in the market.

### Report Scope:

In this report, India Enzymes Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

### India Enzymes Market, By Type:

Amylases

Cellulases

Proteases

Lipases

Phytases

### India Enzymes Market, By Source:

Micro-Organisms

Plants

Animals

### India Enzymes Market, By Application:

Food & Beverages

Cleaning Agents

Animal Feed

Biofuel

Others

### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India enzymes market

### Available Customizations:

*India Enzymes Market, By Type (Amylases, Cellulases, Proteases, Lipases, Phytases and Others), By Source (Micr...*

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

Detailed analysis and profiling of additional market players (up to five).

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