

Brewing Enzymes Market by Type (Amylase, Beta-glucanase, Protease, Xylanase, ALDC, Pectinase), Application (Beer and Wine), Source (Microbial and Plant), Form (Liquid and Powder), Process, and Region - Global Forecast to 2023

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Abstracts

“Brewing enzymes market projected to grow at a CAGR of 6.6% during the forecast period.”

The brewing enzymes market is estimated at USD 352.1 million in 2018. It is projected to reach USD 484.7 million by 2023, at a CAGR of 6.6% from 2018, in terms of value. The market is driven by the increase in popularity of craft breweries and specialty beers, continuous R&D—resulting in product and process innovations—increasing per capita income in Asia Pacific, and forecasted high cereal prices.

The demand for brewing enzymes in the beer segment is expected to witness significant growth in the near future, due to the rising popularity of beer among young consumers, rise in technological innovations, and growth in the craft beer segment and number of microbreweries. However, lack of uniformity in regulations affects international trade and hence serves as a restraining factor for the growth of the brewing enzymes market.

“The microbial source is projected to dominate the brewing enzymes market through the forecasted period.”

The microbial source accounted for a major share of the market for brewing enzymes, as they are easy to handle, can be produced in huge tanks without light, and have a very high growth rate. Microbial spruces are more cost-effective and not affected by

seasonal changes. Additionally, they reduce the reaction time and minimize contamination risks, which save a considerable amount of energy. This has led to increased demand for microbial sources of enzymes.

“The beta-glucanase segment is projected to be the fastest-growing for brewing enzymes market from 2018 to 2023.”

Beta-glucanase plays a major role in the brewing process by facilitating the breakdown of complex beta-glucan molecules into smaller units located in the cell wall of the barley endosperm. The presence of beta-glucans in the brewing process can cause problems during beer filtration; thus, the usage of beta-glucanase is highly beneficial for its processing. It is specially used during the malting and mashing processes of beer production which drives the usage of beta-glucanase in the production of beer.

“The liquid form of brewing enzymes dominates the brewing enzymes market, in terms of value and volume.”

Brewing enzymes are used to extract higher yield from raw materials, reduce the risk of haze in the final beer, enhance the taste and quality of the beer, reduce the raw material cost, and shorten the maturation time. The liquid form of brewing enzymes is more widely used in the processing of beer and wine; it is preferred as it saves energy, reduces water usage, reduces the wastage of beer, and simplifies the filtering process.

“Asia Pacific is projected to be the fastest-growing in the brewing enzymes market for beer application from 2018 to 2023

The Asia Pacific region is projected to be the fastest-growing in the brewing enzymes market for the production of beer, owing to the lower availability of barley malt in this region; hence, enzymes are more widely to convert non-malted sources of carbohydrates into fermentable sugars. In the Asia Pacific region, other sources of raw materials such as corn, sorghum, and rice are majorly used to produce beer, which require more enzymes to increase capacity, shorten the production time, and allow the use of raw materials other than malt. Thus, due to quality and supply constraints on malts and their increasing prices, the demand for enzymes is increasing.

Break-up of Primaries:

By Company Type: Tier 1 - 35%, Tier 2 - 25%, and Tier 3 - 40%

By Designation: C-level - 30%, Director-level - 25%, and Manager-level - 45%

By Region: North America - 25%, Europe - 23%, Asia Pacific - 38%, South America - 11%, and RoW – 3%

The leading players in the brewing enzymes market are Novozymes (Denmark), DSM (Netherlands), DowDuPont (US), Amano Enzyme (Japan), Chr. Hansen (Denmark), Associated British Foods (UK), Kerry Group (Ireland), Brenntag (Germany), Enzyme Development Corporation (US), Aumgene Biosciences (India), Biocatalysts (UK), and Enzyme Innovation (US).

Research Coverage:

The brewing enzymes market is segmented on the basis of type, application, source, form, process, and key regions. On the basis of type, the market is segmented into amylase, beta-glucanase, protease, xylanase, and others which include alpha acetolactate-decarboxylase (ALDC), pectinase, hydrolase, beta-glucosidase, and amyloglucosidase. On the basis of application, the market is segmented into beer and wine. On the basis of source and form the market is segmented microbial & plant and liquid & powder, respectively. By process, the segments studied include malting, mashing & fermentation, wort separation & filtration, and maturation. On the basis of region, the market is segmented into North America, Europe, Asia Pacific, South America, and Rest of the World (RoW). The report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, competitive landscape, recent developments, and key market strategies.

Key Benefits of Buying the Report:

To get a comprehensive overview of the brewing enzymes market with specific reference to the application markets

To gain a wide range of information about the top players in this industry, their product portfolios, and key strategies adopted by them

To gain insights into the major regions/countries in which the brewing enzymes market is flourishing

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Product name: Brewing Enzymes Market by Type (Amylase, Beta-glucanase, Protease, Xylanase, ALDC, Pectinase), Application (Beer and Wine), Source (Microbial and Plant), Form (Liquid and Powder), Process, and Region - Global Forecast to 2023

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