

Global Pullulanase Market Growth 2025-2031

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Abstracts

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The global Pullulanase market size is predicted to grow from US\$ 173 million in 2025 to US\$ 162 million in 2031; it is expected to grow at a CAGR of -1.1% from 2025 to 2031.

Pullulanase is an endo-type enzyme that cleaves α -1,6-glucosidic linkages in polysaccharides, such as amylopectin, glycogen, dextrin and pullulan. It requires the branching chain to be of at least a maltose length in order for it to be able to cleave the α -1,6 linkage. Pullulanase is found in plants and microorganisms. Pullulanases from microorganisms, such as *Bacillus brevis*, *Bacillus acidopullulyticus* and *Klebsiella* sp., are commercially available as an industrial enzyme preparation. Pullulanase is also referred to as “debranching enzyme”, because it hydrolyzes the branching α -1,6-glucosidic linkages in polysaccharides, such as amylopectin. This debranching activity of pullulanase is combined with the activities of other enzymes, such as α -amylase and isoamylase, for the production of maltose and oligosaccharides.

Global Pullulanase key players include Novozymes, Genencor, Amano Enzyme, Longda, etc. Global top four manufacturers hold a share over 70%.

Europe is the largest market, with a share about 45%, followed by USA, and Japan, both have a share over 45 percent.

In terms of product, Debranching Enzyme is the largest segment, with a share over 65%. And in terms of application, the largest application is High Glucose Syrup, followed by High Maltose Syrup, Brewage, etc.

LP Information, Inc. (LPI) ' newest research report, the “Pullulanase Industry Forecast” looks at past sales and reviews total world Pullulanase sales in 2024, providing a

comprehensive analysis by region and market sector of projected Pullulanase sales for 2025 through 2031. With Pullulanase sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Pullulanase industry.

This Insight Report provides a comprehensive analysis of the global Pullulanase landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Pullulanase portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Pullulanase market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Pullulanase and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Pullulanase.

This report presents a comprehensive overview, market shares, and growth opportunities of Pullulanase market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Debranching Enzyme

Amylopullulanse

Segmentation by Application:

High Glucose Syrup

High Maltose Syrup

Brewage

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Novozymes

Genencor

Amano Enzyme

Longda

Bioclone

High Sun

Sunson

Bestzyme

Key Questions Addressed in this Report

What is the 10-year outlook for the global Pullulanase market?

What factors are driving Pullulanase market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Pullulanase market opportunities vary by end market size?

How does Pullulanase break out by Type, by Application?

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