

Global Cellulase Market Growth 2024-2030

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Abstracts

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Cellulase (CAS 9012-54-8) is a linear polysaccharide of glucose residues connected by β -1,4 linkages. Like chitin it is not cross-linked. Native crystalline cellulose is insoluble and occurs as fibers of densely packed, hydrogen bonded, anhydroglucose chains of 15 to 10,000 glucose units. Its density and complexity make it very resistant to hydrolysis without preliminary chemical or mechanical degradation or swelling. In nature cellulose is usually associated with other polysaccharides such as xylan or lignin. It is the skeletal basis of plant cell walls. Cellulose is the most abundant organic source of food, fuel and chemicals. However, its usefulness is dependent upon its hydrolysis to glucose. Acid and high temperature degradation are unsatisfactory in that the resulting sugars are decomposed; enzymatic degradation (cellulase) is the most effective means of degrading cellulose into useful components. Although cellulases are distributed throughout the biosphere, they are most prevalent in fungal and microbial sources.

The global Cellulase market size is projected to grow from US\$ 1367 million in 2024 to US\$ 1992 million in 2030; it is expected to grow at a CAGR of 6.5% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Cellulase Industry Forecast" looks at past sales and reviews total world Cellulase sales in 2023, providing a comprehensive analysis by region and market sector of projected Cellulase sales for 2024 through 2030. With Cellulase sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Cellulase industry.

This Insight Report provides a comprehensive analysis of the global Cellulase 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 Cellulase portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Cellulase market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Cellulase 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 Cellulase.

The Global key players of Cellulase include Novozymes, Genencor (IFF), DSM, etc. The top three players hold a share about 48%. USA is the largest market, and has a share about 42%. In terms of product type, BG is the largest segment, which occupied for a share of about 39%. For application, Food & Beverage is the largest segment, which has a share about 29%.

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

Segmentation by Type:

EG

CBH

BG

Segmentation by Application:

Animal Feed

Textile

Food & Beverage

Biofuels

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 (IFF)

DSM

AB Enzymes

Amano Enzyme

BIO-CAT

Shandong Longda Bio-Products

ENMEX (Kerry)

Sunson Industry Group

Sinobios

Key Questions Addressed in this Report

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

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

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

How do Cellulase market opportunities vary by end market size?

How does Cellulase break out by Type, by Application?

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