

# Global Cellulase (CAS 9012-54-8) Market Data Survey Report 2015-2025

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## Abstracts

### SUMMARY

Cellulase refers to a group of enzymes which, acting together, hydrolyze cellulose. Cellulose is a linear polysaccharide of glucose residues connected by  $\beta$ -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 (CAS 9012-54-8) market will reach xxx Million USD in 2020 with CAGR xx% 2020-2025.

The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers profile, products & services, sales data of business

Global market size by Major End-Use

Global market size by Major Type

Key manufacturers are included based on company profile, sales data and product specifications etc.:

ntermatic Incorporated

Novozymes

Genencor (DuPont)

DSM

AB Enzymes

Amano Enzyme

Primalco Ltd

BIO-CAT

Zhongrong Technology Corporation Ltd.

Shandong Longda Bio-Products Co., Ltd

Sunson Industry Group

Sinobios

Codexis

Major applications as follows:

Animal Feed

Textile Industry

Food & Beverages

Biofuels

Others

Major Type as follows:

EG

CBH

BG

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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