

Global Cellulase (CAS 9012-54-8) Market Analysis 2013-2018 and Forecast 2019-2024

<https://marketpublishers.com/r/G1645EFA1F9EN.html>

Date: March 2019

Pages: 77

Price: US\$ 2,980.00 (Single User License)

ID: G1645EFA1F9EN

Abstracts

SNAPSHOT

Cellulase refers to a group of enzymes which, acting together, hydrolyze cellulose. Cellulose 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 (CAS 9012-54-8) market will reach xxx Million USD in 2019 and CAGR xx% 2019-2024. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Cellulase (CAS 9012-54-8) by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

EG

CBH

BG

Company Coverage (Sales Revenue, Price, Gross Margin, Main Products 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

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Animal Feed

Textile Industry

Food & Beverages

Biofuels

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)

Contents

1 INDUSTRY OVERVIEW

- 1.1 Cellulase (CAS 9012-54-8) Industry
 - 1.1.1 Overview
 - 1.1.2 Development of Cellulase (CAS 9012-54-8)
- 1.2 Market Segment
 - 1.2.1 Upstream
 - 1.2.2 Downstream
- 1.3 Cost Analysis

2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

- 2.1 Policy
- 2.2 Economics
- 2.3 Sociology
- 2.4 Technology

3 CELLULASE (CAS 9012-54-8) MARKET BY TYPE

- 3.1 By Type
 - 3.1.1 EG
 - 3.1.2 CBH
 - 3.1.3 BG
- 3.2 Market Size
- 3.3 Market Forecast

4 MAJOR COMPANIES LIST

4.1 CELLULASE (CAS 9012-54-8) NTERMATIC INCORPORATED (COMPANY PROFILE, SALES DATA ETC.)

- 4.2 Novozymes (Company Profile, Sales Data etc.)
- 4.3 Genencor (DuPont) (Company Profile, Sales Data etc.)
- 4.4 DSM (Company Profile, Sales Data etc.)
- 4.5 AB Enzymes (Company Profile, Sales Data etc.)
- 4.6 Amano Enzyme (Company Profile, Sales Data etc.)

- 4.7 Primalco Ltd (Company Profile, Sales Data etc.)
- 4.8 BIO-CAT (Company Profile, Sales Data etc.)
- 4.9 Zhongrong Technology Corporation Ltd. (Company Profile, Sales Data etc.)
- 4.10 Shandong Longda Bio-Products Co., Ltd (Company Profile, Sales Data etc.)
- 4.11 Sunson Industry Group (Company Profile, Sales Data etc.)
- 4.12 Sinobios (Company Profile, Sales Data etc.)
- 4.13 Codexis (Company Profile, Sales Data etc.)

5 MARKET COMPETITION

- 5.1 Company Competition
- 5.2 Regional Market by Company

6 DEMAND BY END MARKET

- 6.1 Demand Situation
 - 6.1.1 Demand in Animal Feed
 - 6.1.2 Demand in Textile Industry
 - 6.1.3 Demand in Food & Beverages
 - 6.1.4 Demand in Biofuels
 - 6.1.5 Demand in Others
- 6.2 Regional Demand Comparison
- 6.3 Demand Forecast

7 REGION OPERATION

- 7.1 Regional Production
- 7.2 Regional Market
- 7.3 by Region
 - 7.3.1 North America
 - 7.3.1.1 Overview
 - 7.3.1.2 by Country (U.S., Canada, Mexico)
 - 7.3.2 Europe
 - 7.3.2.1 Overview
 - 7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)
 - 7.3.3 Asia-Pacific
 - 7.3.3.1 Overview
 - 7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)
 - 7.3.4 South America

7.3.4.1 Overview

7.3.4.2 by Country (Brazil, Argentina etc.)

7.3.5 Middle East & Africa

7.3.5.1 Overview

7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

7.4 Regional Import & Export

7.5 Regional Forecast

8 MARKETING & PRICE

8.1 Price and Margin

8.1.1 Price Trends

8.1.2 Factors of Price Change

8.1.3 Manufacturers Gross Margin Analysis

8.2 Marketing Channel

9 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

Table Upstream Segment of Cellulase (CAS 9012-54-8)

Table Application Segment of Cellulase (CAS 9012-54-8)

Table Global Cellulase (CAS 9012-54-8) Market 2013-2024, by Application, in USD Million

Table Major Company List of EG

Table Major Company List of CBH

Table Major Company List of BG

Table Global Cellulase (CAS 9012-54-8) Market 2013-2018, by Type, in USD Million

Table Global Cellulase (CAS 9012-54-8) Market 2013-2018, by Type, in Volume

Table Global Cellulase (CAS 9012-54-8) Market Forecast 2019-2024, by Type, in USD Million

Table Global Cellulase (CAS 9012-54-8) Market Forecast 2019-2024, by Type, in Volume

Table ntermatic Incorporated Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of ntermatic Incorporated (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Novozymes Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Novozymes (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Genencor (DuPont) Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Genencor (DuPont) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table DSM Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of DSM (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table AB Enzymes Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of AB Enzymes (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Amano Enzyme Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Amano Enzyme (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Primalco Ltd Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Primalco Ltd (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table BIO-CAT Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of BIO-CAT (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Zhongrong Technology Corporation Ltd. Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Zhongrong Technology Corporation Ltd. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Shandong Longda Bio-Products Co., Ltd Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Shandong Longda Bio-Products Co., Ltd (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sunson Industry Group Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Sunson Industry Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sinobios Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Sinobios (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Codexis Overview List

Table Cellulase (CAS 9012-54-8) Business Operation of Codexis (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Cellulase (CAS 9012-54-8) Sales Revenue 2013-2018, by Company, in USD Million

Table Global Cellulase (CAS 9012-54-8) Sales Revenue Share, by Company, in USD Million

Table Global Cellulase (CAS 9012-54-8) Sales Volume 2013-2018, by Company, in Volume

Table Global Cellulase (CAS 9012-54-8) Sales Volume Share 2013-2018, by Company, in Volume

Table Major Consumers List and Overview

Table Regional Demand Comparison List

Table Major Application in Different Regions

Table Cellulase (CAS 9012-54-8) Demand Forecast 2019-2024, by Application, in USD Million

Table Cellulase (CAS 9012-54-8) Demand Forecast 2019-2024, by Application, in Volume

Table Cellulase (CAS 9012-54-8) Production 2013-2018, by Region, in USD Million

Table Cellulase (CAS 9012-54-8) Production 2013-2018, by Region, in Volume

Table Global Cellulase (CAS 9012-54-8) Market 2013-2018, by Region, in USD Million

Table Global Cellulase (CAS 9012-54-8) Market Share 2013-2018, by Region, in USD Million

Table Global Cellulase (CAS 9012-54-8) Market 2013-2018, by Region, in Volume

Table Global Cellulase (CAS 9012-54-8) Market Share 2013-2018, by Region, in

Volume

Table North America Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in USD Million

Table North America Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in Volume

Table Europe Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in USD Million

Table Europe Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in Volume

Table Asia-Pacific Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in USD Million

Table Asia-Pacific Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in Volume

Table South America Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in USD Million

Table South America Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in Volume

Table Middle East & Africa Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in USD Million

Table Middle East & Africa Cellulase (CAS 9012-54-8) Market Size 2013-2018, by Country, in Volume

Table Cellulase (CAS 9012-54-8) Market Forecast 2019-2024, by Region, in USD Million

Table Cellulase (CAS 9012-54-8) Market Forecast 2019-2024, by Region, in Volume

Table Price Factors List

List Of Figures

LIST OF FIGURES

Figure Global Cellulase (CAS 9012-54-8) Market Growth 2013-2018, by Type, in USD Million

Figure Global Cellulase (CAS 9012-54-8) Market Growth 2013-2018, by Type, in Volume

Figure North America Cellulase (CAS 9012-54-8) Market Concentration, in 2018

Figure Europe Cellulase (CAS 9012-54-8) Market Market Concentration, in 2018

Figure Asia-Pacific Cellulase (CAS 9012-54-8) MMarket Concentration, in 2018

Figure South America Cellulase (CAS 9012-54-8) Market Concentration, in 2018

Figure Middle East & Africa Cellulase (CAS 9012-54-8) Market Concentration, in 2018

Figure Cellulase (CAS 9012-54-8) Demand in Animal Feed, 2013-2018, in USD Million

Figure Cellulase (CAS 9012-54-8) Demand in Animal Feed, 2013-2018, in Volume

Figure Cellulase (CAS 9012-54-8) Demand in Textile Industry, 2013-2018, in USD Million

Figure Cellulase (CAS 9012-54-8) Demand in Textile Industry, 2013-2018, in Volume

Figure Cellulase (CAS 9012-54-8) Demand in Food & Beverages, 2013-2018, in USD Million

Figure Cellulase (CAS 9012-54-8) Demand in Food & Beverages, 2013-2018, in Volume

Figure Cellulase (CAS 9012-54-8) Demand in Biofuels, 2013-2018, in USD Million

Figure Cellulase (CAS 9012-54-8) Demand in Biofuels, 2013-2018, in Volume

Figure Cellulase (CAS 9012-54-8) Demand in Others, 2013-2018, in USD Million

Figure Cellulase (CAS 9012-54-8) Demand in Others, 2013-2018, in Volume

Figure North America Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018, in USD Million

Figure North America Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018, in Volume

Figure Europe Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018, in USD Million

Figure Europe Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018, in Volume

Figure Asia-Pacific Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018, in USD Million

Figure Asia-Pacific Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018, in Volume

Figure South America Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018,

in USD Million

Figure South America Cellulase (CAS 9012-54-8) Market Size and Growth 2013-2018,
in Volume

Figure Middle East & Africa Cellulase (CAS 9012-54-8) Market Size and Growth
2013-2018, in USD Million

Figure Middle East & Africa Cellulase (CAS 9012-54-8) Market Size and Growth
2013-2018, in Volume

Figure Marketing Channels Overview

I would like to order

Product name: Global Cellulase (CAS 9012-54-8) Market Analysis 2013-2018 and Forecast 2019-2024

Product link: <https://marketpublishers.com/r/G1645EFA1F9EN.html>

Price: US\$ 2,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1645EFA1F9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970