

# **Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Laccase Market 2018, Forecast to 2023**

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## **Abstracts**

Laccase (EC 1.10.3.2, p-diphenol:oxygen oxidoreductase) is an enzyme belonging to the family of multicopper blue oxidase which typically found in plant and fungi. Laccase can catalyze the oxidation of a variety of compounds including ortho and para-diphenols, polyphenols, aminophenols, polyamines, lignins, aryldiamines, and a number of inorganic ions, while reducing molecular dioxygen to water

### **SCOPE OF THE REPORT:**

This report focuses on the Laccase in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Laccase is an enzyme generally used in textile industry, food industry, pharmaceutical industry and others. During all those applications, textile industry is the largest field, with laccase consumption amount varied from 123 MT in 2012 to 126.7 MT in 2017. Due to appearance of bleach enzymes, laccase demand from textile industry decreased from 2016.

Currently, there are six major suppliers all over the world, including Novozymes, DuPont, Amano Enzyme, Yiduoli, Sunson and Denykem. Novozymes is global leader in this industry. In 2016, Novozymes produced 98.8 MT, with a production share of 66.74%. DuPont is the second largest producer with production amount of 45.62 MT in 2016. Market concentration in this industry is high and total market share of those six suppliers are 98.82% in 2016.

Laccase is mainly consumed in Europe and China. During 2012-2017, China laccase consumption varied from 34.6 MT in 2012 to 36.325 MT in 2017, with an average increase rate of 0.98%. During the same period, Europe consumption also varied from

33.7 MT in 2012 to 29.22 MT in 2017.

The worldwide market for Laccase is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Novozymes

DuPont

Amano Enzyme

Yiduoli

Sunson

Denykem

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Fungi Source

Plants Source

Market Segment by Applications, can be divided into

Textile Industry

Food Industry

Pharmaceutical Industry

Other

There are 15 Chapters to deeply display the global Laccase market.

Chapter 1, to describe Laccase Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Laccase, with sales, revenue, and price of Laccase, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Laccase, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Laccase market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Laccase sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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