



**Global and China Industrial Enzyme Industry
Report, 2014-2016**

Feb. 2014

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

In 2007-2013, the global industrial enzyme market size grew at the CAGR of 5.7%, reaching USD4.04 billion in 2013, 1.4 times that in 2007. The global industrial enzyme market is monopolized by a small number of large enterprises with R & D and market dominance. Novozymes, the world's largest enzyme preparation R & D and manufacturing company, possesses more than 45% share in the global market always.

In 2013, China's industrial enzyme output jumped by 8% year on year to 1.0588 million tons. At present, enzyme preparation is used widely in brewing, washing and other industries; it shows potentials in starch processing, feedstuff and other sectors; its application in papermaking, textile and others just arises, but with a promising prospect. In 2013, Novozymes and other world-renowned companies aggressively expanded the Chinese market; VTR, Youteer and other local companies also raised capacity vigorously.

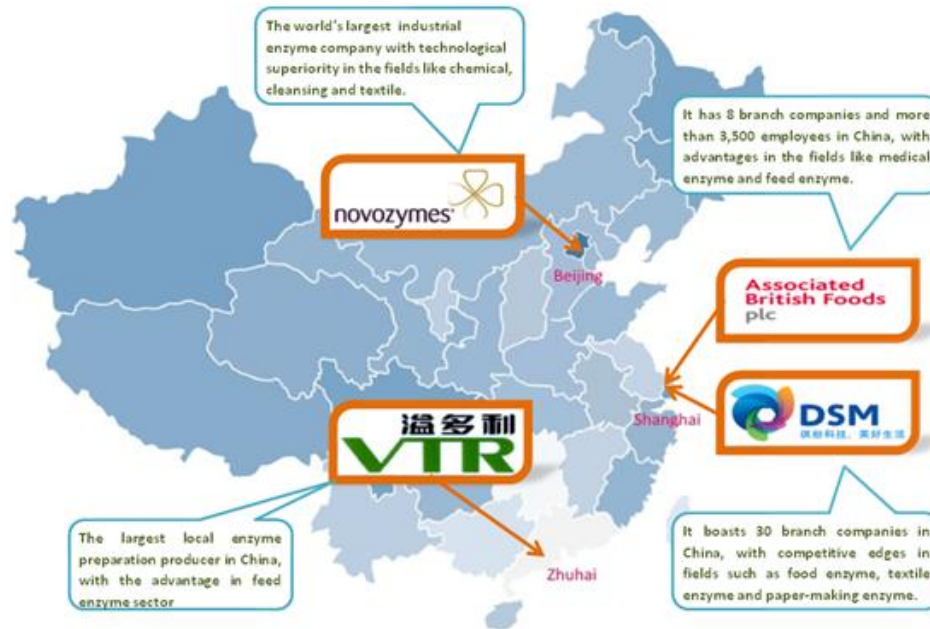
In 2008-2013, the gross margin of the global and Chinese major enzyme preparation enterprises remained at 30%-50%. Compared with well-known international companies, Chinese enterprises are backward in technology and R & D; their products are mainly used in the feedstuff field, while partly in textile, papermaking and other industries, reflecting weak market competitiveness.

In 2014-2016, the global industrial enzyme market size will continue to grow; but affected by the slowdown of emerging economies, the growth rate of the market will decline to some extent.

The report covers the followings:

- ✘ Market size, competition pattern and demand structure of the global industrial enzyme preparation industry;
- ✘ Output, competition pattern, policies, import and export of China industrial enzyme industry;
- ✘ Impact of China industrial enzyme industry on food, feedstuff, brewing, washing, textile and other industries;
- ✘ Operation, business and development of 12 global and Chinese industrial enzyme enterprises;
- ✘ Forecast for policies and development prospects of the global and Chinese industrial enzyme industry during 2014-2016.

Competitive Edges of Leading Enzyme Manufacturers in China



1 Overview of Industrial Enzyme

2 Development of Global Industrial Enzyme Industry

2.1 Market Size

2.2 Competition Pattern

2.3 Demand Structure

3 Development of China Industrial Enzyme Industry

3.1 Policies

3.2 Overview

3.3 Import and Export

3.3.1 Export

3.3.2 Import

3.4 Competition Pattern

4 Impact of Downstream Sectors on China Enzyme Preparation Industry

4.1 Food Industry

4.1.1 Starch Processing

4.1.2 Bakery

4.1.3 Condiments

4.2 Feedstuff Industry

4.3 Brewing Industry

4.3.1 Spirit

4.3.2 Beer

4.3.3 Wine

4.3.4 Yellow Wine

4.4 Detergent Industry

4.5 Papermaking Industry

4.6 Textile Industry

5 Major Companies

5.1 Novozymes

5.1.1 Profile

5.1.2 Operation

5.1.3 Revenue Structure

5.1.4 Gross Margin

5.1.5 R & D

5.1.6 Operation in China

5.2 ABF

5.2.1 Profile

5.2.2 Operation

5.2.3 Industrial Enzyme Business

5.2.4 Business in China

5.3 DSM

5.3.1 Profile

5.3.2 Operation

5.3.3 Industrial Enzyme Business

5.3.4 Industrial Enzyme R & D

5.3.5 Business in China

5.4 Danisco (Genencor)

5.4.1 Profile

5.4.2 Business in China

5.5 VTR Bio-Tech

5.5.1 Profile

5.5.3 Revenue Structure

5.5.4 Gross Margin

5.5.5 R & D

5.5.6 Major Clients

5.6 Youtell

5.6.1 Profile

5.6.2 Operation

5.6.3 Enzyme Preparation Business

5.7 Beijing Challenge Bio-technology

5.7.1 Profile

5.7.2 Operation

5.8 Smistyle

5.8.1 Profile

5.8.2 Operation

5.9 Longda Bio-products

5.9.1 Profile

5.9.2 Operation

5.10 Vland Biotech

5.10.1 Profile

5.10.2 Operation

5.11 SunHY

5.12 Sunson

6 Anticipation and Outlook

6.1 Global

6.2 China

- Classification of Enzyme (by Nature of Catalytic Reaction)
- Biological Enzyme Preparation Production Technology and Core Technology
- Global Industrial Enzyme Preparation Market Size and YoY Growth Rate, 2007-2013
- Global Industrial Enzyme Market Share, 2013
- Global Industrial Enzyme Demand Structure (by Region), 2012
- China's Industrial Enzyme Preparation Output and YoY Growth Rate, 2004-2013
- China's Industrial Enzyme Preparation Output Percentage (by Product), 2011
- China's Industrial Enzyme Preparation Export Volume and YoY Growth Rate, 2003-2013
- China's Industrial Enzyme Preparation Export Value and YoY Growth Rate, 2003-2013
- Share of Top 5 Export Destinations of China's Industrial Enzyme Preparation, 2013
- China's Industrial Enzyme Preparation Import Volume and YoY Growth Rate, 2003-2013
- China's Industrial Enzyme Preparation Import Value and YoY Growth Rate, 2003-2013
- Share of Top 5 Import Sources of China's Industrial Enzyme Preparation, 2013
- China's Industrial Enzyme Preparation Import and Export Average Price, 2003-2013
- Main Enzyme Preparation Enterprises and Competitive Advantages in China
- China's Corn Starch Output, 2008-2012
- Operating Revenue and Profit of Chinese Starch Processing Enterprises, 2008-2013
- Revenue, Profit and Gross Margin of Chinese Bakery Enterprises, 2008-2013
- China's Per Capita Condiment Spending and YoY Growth Rate, 2004-2012
- Revenue, Profit and Gross Margin of Chinese Condiment Enterprises, 2008-2013
- China's Feedstuff Output and YoY Growth Rate, 2008-2013
- China's Additive Premix Feedstuff Output and YoY Growth Rate, 2008-2013
- China's Feedstuff Additive Output Percentage (by Product), 2012
- China's Spirit Output and YoY Growth Rate, 2008-2013
- Revenue, Profit and Gross Margin of Chinese Spirit Companies, 2008-2013

- Application of Various Enzyme Products in Beer Brewing
- China's Beer Output and YoY Growth Rate, 2008-2013
- Revenue, Profit and Gross Margin of Chinese Beer Enterprises, 2008-2013
- China's Wine Output and YoY Growth Rate, 2008-2013
- Revenue, Profit and Gross Margin of Chinese Wine Enterprises, 2008-2013
- Revenue, Profit and Gross Margin of Chinese Yellow Wine Enterprises, 2008-2013
- China's Synthetic Detergent Output and YoY Growth Rate, 2007-2013
- China's Pulp Output and YoY Growth Rate, 2008-2013
- China's Machine-made Paper Output and YoY Growth Rate, 2008-2013
- Revenue, Profit and Gross Margin of Chinese Machine-made Paper Enterprises, 2008-2013
- China's Fabric Output and YoY Growth Rate, 2008-2013
- Revenue and Net Income of Novozymes, 2008-2013
- Revenue Percentage of Novozymes (by Region), 2008-2013
- Revenue of Novozymes (by Region), 2008-2013
- Revenue of Novozymes (by Product), 2010-2012
- Revenue Percentage of Novozymes (by Product), 2013
- Revenue of Novozymes (by Product), 2012-2013
- Gross Margin of Novozymes, 2008-2012
- R&D Costs and % of Total Revenue of Novozymes, 2008-2013
- Subsidiaries of Novozymes in Mainland China, 2008-2013
- Subsidiaries of Novozymes in Hong Kong, 2008-2013
- ABF's Revenue and Net Income, FY2008-FY2013
- ABF's Ingredients Revenue Breakdown and Percentage, FY2008-FY2013
- DSM's Sales and Net Income, 2009-2013
- DSM's Main Operations

- DSM's Sales Percentage (by Industry), 2009-2012
- DSM's Nutrition Sales and EBITDA, 2009-2013
- R&D Costs and % of DSM's Total Revenue, 2009-2012
- DSM's Sales in China, 2009-2012
- Danisco's Operation in China
- VTR's Revenue and Net Income, 2009-2013
- VTR's Revenue Percentage (by Region), 2009-2013
- VTR's Revenue (by Region), 2009-2013
- VTR's Revenue Percentage (by Product),, 2009-2013
- VTR's Revenue (by Product), 2009-2013
- VTR's Gross Margin (by Product), 2009-2013
- VTR's Gross Margin (by Region), 2009-2013
- VTR's R & D Expenses, 2009-2013
- VTR's Revenue from Top 5 Clients and% of Total Revenue, 2010-2013
- Youtell's Assets and Asset-liability Ratio, 2009-2013
- Youtell's Revenue and Net Income, 2008-2013
- SunHY's Affiliated Companies
- SunHY's Main Product Lines
- Sunson's Revenue and Revenue, 2008-2009
- Global Industrial Enzyme Preparation Market Size, 2014-2016E
- China's Industrial Enzyme Output, 2012-2016E

You can place your order in the following alternative ways:

1. Order online at www.researchinchina.com
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828/ 82601561

Party A:			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	report@researchinchina.com	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing Bank Account No #: 110060668012015061217 Routing No #: 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
<i>Total</i>		

Choose type of format

- PDF (Single user license)1,800 USD
- Hard copy 1,900 USD
- PDF (Enterprisewide license)..... 2,800 USD

※ Reports will be dispatched immediately once full payment has been received.
Payment may be made by wire transfer or credit card via PayPal.

About ResearchInChina

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- *Multi-users market reports*
- *Database-RICDB*
- *Custom Research*
- *Company Search*

RICDB (<http://www.researchinchina.com/data/database.html>), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at: