

Future of Functional Oligosaccharide Market in China

<https://marketpublishers.com/r/FBCDB741EEFEN.html>

Date: March 2011

Pages: 110

Price: US\$ 11,917.00 (Single User License)

ID: FBCDB741EEFEN

Abstracts

Functional oligosaccharides in China hadn't achieved commercialization until IMO was produced in large-scale by Baolingbao Biology Co., Ltd. in 1996. From then on, domestic functional oligosaccharide market witnessed a rapid development. Thanks to the consumers' increasing consciousness about health and functional foods, the demand for functional oligosaccharides is increasing stably in China in recent years. However, China's functional oligosaccharide industry is still in the initial stage compared with the U.S., Japan, Europe and other regions.

The report focuses on eleven commercial categories of functional oligosaccharides in China, including isomalto-oligosaccharide, fructo-oligosaccharide, xylo-oligosaccharide, galacto oligosaccharide, stachyose, raffinose, soy-oligosaccharide, isomaltulose, chitosan-oligosaccharide, trehalose, and malto-oligosaccharide. It will provide you vital business intelligence as following aspects:

What's the actual production situation of functional oligosaccharide in different categories? How many manufacturers involve in different functional oligosaccharides? How about their price and company dynamics?

What's manufacturing technology manufactures take to produce different functional oligosaccharides? What are the advantages and disadvantages of manufacturing technologies?

Which fields is the functional oligosaccharide consumed in? How about the future demand for different functional oligosaccharides?

As a new product in China, functional oligosaccharide faces some challenges from other sweeteners, such as sucrose, sugar alcohol and inulin. How will the situation impact on functional oligosaccharide industry? What are the

advantages of functional oligosaccharide compared with traditional sugars?

A lot of functional oligosaccharides are produced and used in Chinese market, and they have the similar functions. What are the advantages and disadvantages among them? How is the competition of functional oligosaccharide industry? How about their future development trend?

What role will functional oligosaccharide play when competing with its substitutes? Those questions mentioned above will be answered in this report.

As a new industry in China, there are not only some companies intending to involve in functional oligosaccharide, but also some companies withdrawing from the industry. Which functional oligosaccharide is the best product to invest in? What are the risks and opportunities of functional oligosaccharide market in China?

Contents

Executive summary
Introduction and methodology

I OVERVIEW OF FUNCTIONAL OLIGOSACCHARIDE INDUSTRY IN CHINA

I-1 Brief introduction of functional oligosaccharide products
I-2 History of functional oligosaccharide industry in China
I-3 Major investment movements on functional oligosaccharide industry in China
I-4 Global status of China's functional oligosaccharide industry

II DEVELOPMENT ENVIRONMENT ANALYSIS ON FUNCTIONAL OLIGOSACCHARIDE INDUSTRY IN CHINA

II-1 Economic environment
II-2 Social environment
II-3 Policy environment

III FUNCTIONAL OLIGOSACCHARIDE MARKET IN CHINA

III-1 Overview
III-2 Isomalto-oligosaccharide
 III-2.1 Production
 III-2.2 Manufacturer
 III-2.3 Feedstock
 III-2.4 Manufacturing technology
 III-2.5 Application and demand
III-3 Fructo oligosaccharide
 III-3.1 Production
 III-3.2 Manufacturer
 III-3.3 Feedstock
 III-3.4 Manufacturing technology
 III-3.5 Application and demand
III-4 Xylo oligosaccharide
 III-4.1 Production
 III-4.2 Manufacturer
 III-4.3 Feedstock
 III-4.4 Manufacturing technology

- III-4.5 Application and demand
- III-5 Galacto oligosaccharide
 - III-5.1 Production
 - III-5.2 Manufacturer
 - III-5.3 Feedstock
 - III-5.4 Manufacturing technology
 - III-5.5 Application and demand
- III-6 Stachyose
 - III-6.1 Production
 - III-6.2 Manufacturer
 - III-6.3 Feedstock
 - III-6.4 Manufacturing technology
 - III-6.5 Application and demand
- III-7 Raffinose
 - III-7.1 Production
 - III-7.2 Manufacturer
 - III-7.3 Feedstock
 - III-7.4 Manufacturing technology
 - III-7.5 Application and demand
- III-8 Soybean-oligosaccharide
 - III-8.1 Production
 - III-8.2 Manufacturer
 - III-8.3 Feedstock
 - III-8.4 Manufacturing technology
 - III-8.5 Application and demand
- III-9 Isomaltulose
 - III-9.1 Production
 - III-9.2 Manufacturer
 - III-9.3 Feedstock
 - III-9.4 Manufacturing technology
 - III-9.5 Application and demand
- III-10 Chitosan oligosaccharide
 - III-10.1 Production
 - III-10.2 Manufacturer
 - III-10.3 Feedstock
 - III-10.4 Manufacturing technology
 - III-10.5 Application and demand
- III-11 Trehalose
 - III-11.1 Production

- III-11.2 Manufacturer
- III-11.3 Feedstock
- III-11.4 Manufacturing technology
- III-11.5 Application and demand
- III-12 Others

IV COMPETITION ANALYSIS ON CHINA'S FUNCTIONAL OLIGOSACCHARIDE INDUSTRY

- IV-1 Respondent's attitudes to sustainable development of China's functional oligosaccharide industry
- IV-2 Competition analysis among functional oligosaccharide products
- IV-3 Key substitutes of functional oligosaccharide in China
 - IV-3.1 Sucrose
 - IV-3.2 Sugar alcohol
 - IV-3.3 Inulin

V INVESTMENT ANALYSIS AND FUTURE FORECAST

- V-1 Investment risk analysis
- V-2 Investment opportunity analysis
- V-3 Forecast to 2015

VI CONCLUSION

VII PROFILE OF KEY FUNCTIONAL OLIGOSACCHARIDE PRODUCERS

- VII-1 Baolingbao Biology Co., Ltd.
- VII-20 Heze Zhongshi Peptide Biotech Co., Ltd.

List Of Tables

LIST OF TABLES

Table I-2-1 Launch time of some functional oligosaccharide products in China

Table I-3-1 List of some functional oligosaccharides projects, 2009-2011

Table II-1-1 GDP and per capita income in China, 2005-2015

Table II-1-2 CPI, PPI and international trade in China, 2005-2010

Table II-2-1 Population in China, million, 2005-2015

Table II-3-1 Major governmental regulations on functional oligosaccharide industry in China, 2006-2010

Table II-3-2 Industrial standards related to functional oligosaccharide products in China, 1992-2009

Table II-3-3 Major items of China Torch Plan on functional oligosaccharide, 2001-2007

Table II-3-4 Major State Science and Technology Programs on functional oligosaccharide research, 2001-2006

Table III-1-1 Production situation of major functional oligosaccharides in China

Table III-1-2 Basic situation of major functional oligosaccharide manufacturers in China

Table III-2-1 Product description of IMO in China

Table III-2-2-1 Basic information of IMO manufacturers in China

Table III-2-2-2 Basic information of Global Sweeteners subsidiaries engaging in IMO production in China

Table III-2-2-3 Production information of IMO manufacturers in China, 2010-2011

Table III-2-2-4 Production information of Global Sweeteners subsidiaries engaging in IMO production in China, 2010-2011

Table III-2-5-1 Ex-work price and sales value of IMO manufacturers in China, 2010-2011

Table III-3-1 Product description of FOS in China

Table III-3-2-1 Basic information of FOS manufacturers in China

Table III-3-2-2 Production information of FOS manufacturers in China, 2010-2011

Table III-3-4-1 FOS Technology source for major manufacturers in China

Table III-3-5-1 Ex-work price and sales value of FOS manufacturers in China, 2010-2011

Table III-4-1 Product description of XOS in China

Table III-4-2-1 Basic information of XOS manufacturers in China

Table III-4-2-2 Production information of XOS manufacturers in China, 2010-2011

Table III-4-4-1 Feedstock and manufacturing technology for XOS enterprise in China

Table III-4-5-1 Ex-work price and sales value of XOS manufacturers in China, 2010-2011

- Table III-5-1 Product description of GOS for food in China
- Table III-5-2-1 Basic information about GOS manufacturers in China
- Table III-5-2-2 Production information about GOS manufacturers in China, 2010-2011
- Table III-5-2-3 Ex-work price of GOS manufacturers in China, Jan. 2011
- Table III-6-1 Product description of stachyose in China
- Table III-6-2-1 Basic information about active stachyose manufacturers in China
- Table III-6-2-2 Production information about major stachyose manufacturers in China, 2010-2011
- Table III-6-2-3 Price of active stachyose manufacturers in China, Jan. 2011
- Table III-6-3-1 Introduction to different raw materials of stachyose
- Table III-7-1 Product description of raffinose in China
- Table III-7-2-1 Basic information of active raffinose manufacturers in China
- Table III-7-2-2 Production information for major raffinose manufacturers in China, 2010-2011
- Table III-7-2-3 Price of active raffinose manufacturers in China, Jan. 2011
- Table III-8-1 Product description of SBOS in China
- Table III-8-2-1 Basic information about major SBOS manufacturers in China
- Table III-8-2-2 Production information about major SBOS manufacturers in China, 2010-2011
- Table III-8-2-3 Price of active SBOS manufacturers in China, Jan. 2011
- Table III-9-1 Product description of isomaltulose in China
- Table III-9-2-1 Basic information about major isomaltulose manufacturers in China
- Table III-9-2-2 Production information about major isomaltulose manufacturers in China, 2010-2011
- Table III-9-2-3 Price of active isomaltulose manufacturers in China, Jan. 2011
- Table III-10-1 Production description of COS in Dalian Glycobio
- Table III-10-2-1 Basic information about active COS manufacturers in China
- Table III-10-2-2 Production information about major COS manufacturers in China, 2010-2011
- Table III-10-2-3 Price of active COS manufacturers in China, Jan. 2011
- Table III-11-1 Product description of trehalose in China
- Table III-11-2-1 Basic information about trehalose manufacturer in China
- Table III-11-2-2 Production information about trehalose manufacturer in China, 2010-2011
- Table III-11-2-3 Ex-work price of trehalose manufacturer in China, Jan. 2011
- Table III-12-1 Production description of malto oligosaccharide powder in Baolingbao
- Table III-12-1-1 Differences between malto oligosaccharide and IMO
- Table III-12-2-1 Basic information about malto oligosaccharide manufacturers in China
- Table III-12-2-2 Production information about malto oligosaccharide manufacturers in

China, 2010-2011

Table III-12-2-3 Ex-work price of malto oligosaccharide manufacturers in China, Jan. 2011

Table IV-3-2-1 Physicochemical properties of major sugar alcohols

Table IV-3-2-2 Output of sugar alcohols, 2005-2009, tonne

Table IV-3-3-1 Basic information about inulin manufacturers in China

Table IV-3-3-2 Production information about inulin manufacturers in China, 2010-2011

List Of Figures

LIST OF FIGURES

Figure III-2-1-1 Production situation of IMO in China, 2006-2010

Figure III-2-4-1 Production flow of IMO in China

Figure III-2-5-1 Consumption proportion of IMO in major end use applications in China, 2010

Figure III-3-1 Chemical structural formula of FOS

Figure III-3-1-1 Production situation of FOS in China, 2006-2010

Figure III-3-4-1 Production flow of FOS in China

Figure III-3-5-1 Consumption proportion of FOS in major end use applications in China, 2010

Figure III-4-1-1 Production situation of XOS in China, 2006-2010

Figure III-4-1-2 Structure of XOS output in China by category, 2010

Figure III-4-3-1 Yield of corn cob in China, 2005-2009

Figure III-4-4-1 Production flow of XOS in China

Figure III-4-5-1 Consumption proportion of XOS in major end use applications in China, 2010

Figure III-5-1 Chemical structural formula of GOS

Figure III-5-1-1 Production situation of GOS in China, 2006-2010

Figure III-5-4-1 Production flow of GOS in New Francisco

Figure III-5-4-2 Production flow of GOS in Quantum Hi-Tech

Figure III-5-5-1 Consumption proportion of GOS in major end use applications in China, 2010

Figure III-6-1 Chemical structural formula of stachyose

Figure III-6-1-1 Output situation of stachyose in China, 2008-2010

Figure III-6-4-1 Production flow chart of stachyose

Figure III-6-5-1 Consumption proportion of stachyose in major end use applications in China, 2010

Figure III-7-1 Chemical structural formula of raffinose

Figure III-7-1-1 Production situation of raffinose in China, 2007-2010

Figure III-7-3-1 Output of cottonseed in China, 2004-2009

Figure III-7-4-1 Production flow chart of extracting raffinose from beet molasses

Figure III-7-4-2 Production flow chart of extracting raffinose from cottonseed

Figure III-7-5-1 Consumption proportion of raffinose in major end use applications in China, 2010

Figure III-8-1 Chemical structural formula of SBOS

Figure III-8-1-1 Structure of SBOS output in China by category, 2010

Figure III-8-1-2 Production situation of SBOS in China, 2006-2010

Figure III-8-3-1 Distribution of soybean production in China, 2010

Figure III-8-3-2 Output of soybean in China, 2006-2010

Figure III-8-3-3 Market price of soybean in China, 2004-2009

Figure III-8-4-1 Production flow chart of SBOS

Figure III-8-5-1 Consumption proportion of SBOS in major end use applications in China, 2010

Figure III-9-1 Chemical structural formula of isomaltulose

Figure III-9-1-1 Output situation about isomaltulose in China, 2008-2010

Figure III-9-4-1 Production flow chart of isomaltulose

Figure III-9-5-1 Consumption proportion of isomaltulose in major end use applications in China, 2010

Figure III-10-1 Chemical structural formula of COS

Figure III-10-1-1 Production situation of COS in China, 2006-2010

Figure III-10-5-1 Consumption proportion of COS in major end use applications in China, 2010

Figure III-11-1 Chemical structural formula of trehalose

Figure III-11-1-1 Production situation of trehalose in China, 2006-2010

Figure III-11-4-1 Production flow of trehalose produced by enzyme method

Figure III-11-5-1 Consumption proportion of trehalose in major end use applications in China, 2010

Figure III-12-1-1 Production situation of malto oligosaccharide in China, 2006-2010

Figure III-12-4-1 Production flow of malto oligosaccharide in China

Figure III-12-5-1 Consumption proportion of malto oligosaccharide in major end use applications in China, 2010

Figure IV-1-1 Respondents' attitudes to China's strength of functional oligosaccharide industry

Figure IV-1-2 Respondents' attitudes to China's weakness of functional oligosaccharide industry

Figure IV-1-3 Respondents' attitudes to China's future opportunity of functional oligosaccharide industry

Figure IV-1-4 Respondents' attitudes to China's potential threat of functional oligosaccharide industry

Figure IV-2-1 Respondents' attitudes to strength for major functional oligosaccharide products in China

Figure IV-3-1-1 Output of sucrose in China

Figure IV-3-1-2 Main sucrose production areas in China

Figure IV-3-1-3 Average price of sucrose in China, Jul. 2005-Jul. 2010

Figure IV-3-2-1 Average prices of main sugar alcohols in China, 2005-2009

Figure IV-3-2-2 Consumption structure of sugar alcohols in end-use segments by volume in China, 2009

Figure V-1-1 Potential risk for future investment in China's functional oligosaccharide industry

Figure V-3-1 Respondents' attitudes to capacity CAGR of major functional oligosaccharide products in China, 2011-2015

Figure V-3-2 Respondents' attitudes to output CAGR of major functional oligosaccharide products in China, 2011-2015

Figure V-3-3 Respondents' attitudes to consumption CAGR of major functional oligosaccharide products in China, 2011-2015

COMPANIES MENTIONED

Baolingbao Biology Co., Ltd., Jiangmen Quantum Hi-tech Biological Co., Ltd., Shandong Longlive Bio-technology Co., Ltd., China Cotton-unis Biotechnology Co., Ltd., Nanning Sinozyme Biotechnology Co., Ltd.

I would like to order

Product name: Future of Functional Oligosaccharide Market in China

Product link: <https://marketpublishers.com/r/FBCDB741EEFEN.html>

Price: US\$ 11,917.00 (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/FBCDB741EEFEN.html>