.....

Industry standards

.....

Most of the WB products in China have their own industry standard. The industry standards for main WB products mentioned in this report are shown as Table I-4.1

Table I-4.1 Industry standards for main WB products

No.	Product	Industry standard	
1	MSG		
2	Vitamin C		
3	Vitamin B1		
4	α-Amylase		
5	Gluco-amylase		
6	Pectinase		
7	Lipase		
8	Itaconic acid		
9	Acetone		
10	Butanol		
11	Lactic acid		
12	Denatured fuel ethanol		
13	Ethanol Gasoline		

Source: CCM International

.....

III Overview of White Biotechnology industry in China

III-1 Market value estimation breakdown by category

.....

WB industry has been one of the emerging biotechnology industries in China. WB industry took up \(\begin{align*} \text{w} \) of the market size of biotechnology industry in China in 2008, from \(\begin{align*} \text{w} \) in 2004.

Table III-1.1 Market value of WB industry broken down by categories in China, million USD, 2004-2008

Year	Bio-fuel	Bio-based fine product	Bio-based chemicals	Biomaterial	Bio products	Total	Biotechnology
2004							
2005							
2006							
2007							
2008							

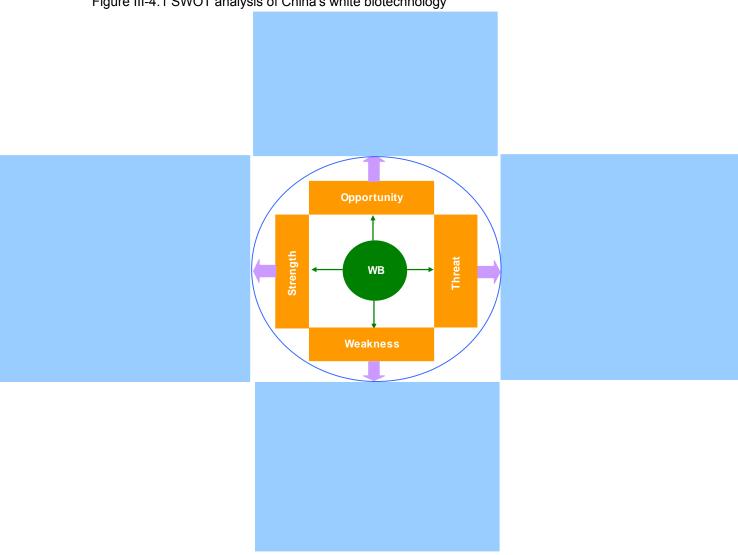
Source: CCM International

.....

III-4 SWOT analysis of China's white biotechnology

By analyzing strength, weakness, opportunity and threat of WB industry in China, a clear picture of the future prospect for WB industry can be gained.

Figure III-4.1 SWOT analysis of China's white biotechnology



Source: CCM International

.....

Table VII-1.1 Situation of major WB products in China

Industrial atas:	Products	Market	Technology barrier	Environment	Status in the
Industrial stage				protection requirement	world
Maturity		Domestic	Low	Modest	Equal
		Domestic	Low	Modest	Equal
		Domestic	High	High	Equal
		Domestic	Low	Modest	Equal
		Oversea	Modest	Modest	Leading
		Oversea	High	Modest	Leading
		Oversea	High	Modest	Leading
Growth		Domestic	High	Modest	Leading
		Oversea	Modest	Low	Equal
		Domestic	Modest	Low	Equal
		Domestic	Low	Modest	Equal
		Domestic	High	Low	Draggled
		Oversea	Low	Low	Leading
		Domestic	High	Modest	Equal
		Domestic	Low	Low	Draggled
		Domestic	Modest	Low	Draggled
		Domestic	Modest	Modest	Equal
Introduction		Domestic	Modest	Modest	Equal
		Oversea	High	Modest	Equal
		Oversea	High	Modest	Equal
		Oversea	High	Low	Equal
		Oversea	High	Low	Leading
		-	High	-	Draggled
Developing		-	High	-	Draggled
		Domestic	Modest	Modest	Draggled
Little research		-	High	-	Draggled
No research		Domestic	High	Modest	Draggled

Source: CCM International