

**Note: Key data/information in this page is hidden, while that in the report is not.**

### 2.1.2 Summary of production in 2012-2014

Microalgae DHA industry in China has seen favorable development in the last five years. During 2010 to 2014, the total capacity of microalgae DHA has increased from XX t/a in 2010 to XX t/a in 2014, with CAGR of about XX, and the total output of microalgae DHA has developed from XXtonnes in 2010 to XX tonnes in 2014, with CAGR of about XX.

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Figure 2.1.2-1 Capacity (t/a) and output (tonne) of microalgae DHA in China, 2010-2014



Source: CCM

Table 2.1.2-1 Capacity of major microalgae DHA producers in China, 2012-2014

No.	Producer	Abbreviation	Production Location	Capacity (t/a)		
				2012	2013	2014
1	XX	XX	XXXX	XX	XX	XX
2	XX	XX	XXXX	XX	XX	XX
3	XX	XX	XXXX	XX	XX	XX
4	XX	XX	XXXX	XX	XX	XX
...	...	...	...	...	...	...

Source: CCM

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Table 2.1.2-2 Output of major microalgae DHA producers in China, 2012-2014

No.	Producer	Abbreviation	Production Location	Output (tonne)								
				2012			2013			2014		
				Total	DHA oil	DHA powder	Total	DHA oil	DHA powder	Total	DHA oil	DHA powder
1	XXXX	XXXX	XXXX	XX	XX	XX	XX	XX	XX	XX	XX	XX
2	XXXX	XXXX	XXXX	XX	XX	XX	XX	XX	XX	XX	XX	XX
3	XXXX	XXXX	XXXX	XX	XX	XX	XX	XX	XX	XX	XX	XX
...	...	...	...	...	...	...	...	...	...	...	...	...

Source: CCM

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### 3 Import situation in 2014

As one kind of new food additive, China's microalgae DHA still fails to meet domestic demand currently. Therefore, China imports lots of microalgae DHA every year. In 2014, there was about XXXX3 tonnes of microalgae DHA in China. In 2014, the import volume of microalgae DHA powder has accounted for about XXXX of the total import volume and microalgae DHA oil accounted for XXXX. Currently, most of the imported microalgae DHA powder is used in the production of infant formula in China at present.

#### - Microalgae DHA powder

Table 3-1 Import of microalgae DHA powder in China by importer, 2014

No.	Importer	Quantity, kg	Value, USD	Unit price, USD/kg
1	XXXX	XXXX	XXXX	XXXX
2	XXXX	XXXX	XXXX	XXXX
3	XXXX	XXXX	XXXX	XXXX
4	XXXX	XXXX	XXXX	XXXX
5	XXXX	XXXX	XXXX	XXXX
6	XXXX	XXXX	XXXX	XXXX
<b>Total</b>		<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>

Source: China Customs & CCM

Table 3-2 Monthly import of microalgae DHA powder in China, 2014

Date	Quantity, kg	Value, USD	Unit price, USD/kg
Jan	XXXX	XXXX	XXXX
Feb	XXXX	XXXX	XXXX
Mar	XXXX	XXXX	XXXX
Apr	XXXX	XXXX	XXXX
May	XXXX	XXXX	XXXX
Jun	XXXX	XXXX	XXXX
Jul	XXXX	XXXX	XXXX
Aug	XXXX	XXXX	XXXX
Sept	XXXX	XXXX	XXXX
Oct	XXXX	XXXX	XXXX
Nov	XXXX	XXXX	XXXX
Dec	XXXX	XXXX	XXXX
<b>Total</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>

Source: China Customs & CCM

Table 3-3 Import of microalgae DHA powder in China by country of origin, 2014

No.	Country of origin	Quantity, kg	Value, USD	Unit price, USD/kg
1	XXXX	XXXX	XXXX	XXXX
2	XXXX	XXXX	XXXX	XXXX
3	XXXX	XXXX	XXXX	XXXX
4	XXXX	XXXX	XXXX	XXXX
5	XXXX	XXXX	XXXX	XXXX
6	XXXX	XXXX	XXXX	XXXX
<b>Total</b>		<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>

Source: China Customs & CCM

## - Microalgae DHA oil

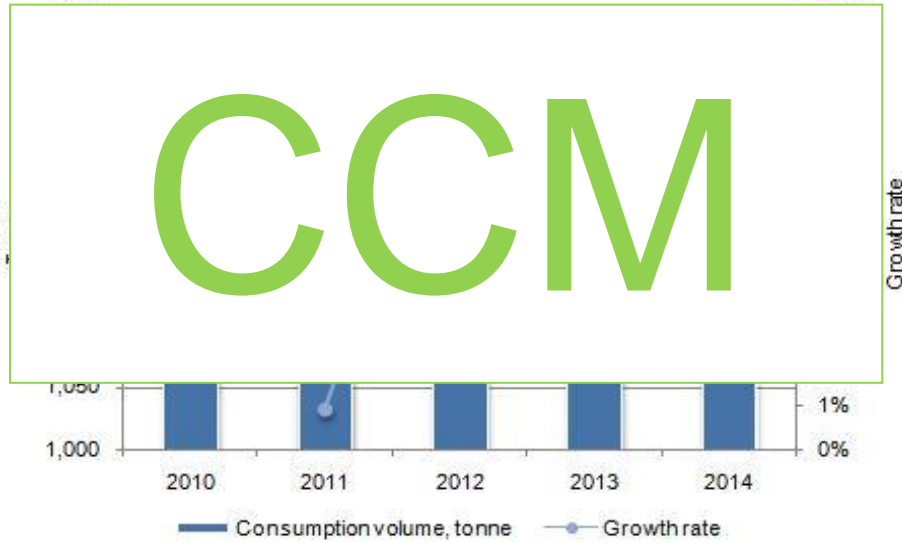
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## 5 Market demand microalgae DHA in China

### 5.1 Demand situation in 2010-2014

In China, the total consumption of microalgae DHA has XXXX from XXXX tonnes in 2010 to about XXXX tonnes in 2014, with CAGR of about XXXX. In 2014, XXXX demand for microalgae DHA came from formula food in China. And less than XXXX demand was from healthcare products and other food products especially for children.

Figure 5.1-1 Consumption situation of microalgae DHA in China, 2010-2014



Source: CCM

Figure 5.1-2 Consumption pattern of microalgae DHA in China, 2014



Source: CCM

Table 5.1-1 Consumption volume and share of China's microalgae DHA by application fields, 2014

Application field		Consumption volume, tonne	Share in total consumption, %
XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX
XXXX		XXXX	XXXX
XXXX		XXXX	XXXX
<b>Total</b>		<b>XXXX</b>	<b>XXXX</b>

Source: CCM

## 5.2 Demand in formula food

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Table 5.2-2 Consumption of microalgae DHA in formula food by some end users in China, 2014

No.	End user	Consumption volume, tonne	Major application	Major DHA suppliers (estimated)
1	XXXX	XXXX	XXXX	XXXX
2	XXXX	XXXX	XXXX	XXXX
3	XXXX	XXXX	XXXX	XXXX
4	XXXX	XXXX	XXXX	XXXX
5	XXXX	XXXX	XXXX	XXXX

Source: CCM

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## 7 Key producers analysis in China

### 7.1 XXXX Co., Ltd.

#### - Basic information

Table 7.1-1 Basic info of XXXX Co., Ltd., as of May 2015

<b>Address</b>	XXXX
<b>Website</b>	XXXX
<b>Tel</b>	XXXX
<b>Fax</b>	XXXX
<b>Establishment date</b>	XXXX
<b>Registered capital</b>	XXXX
<b>Ownership</b>	XXXX
<b>Main business</b>	XXXX
<b>Employee</b>	XXXX
<b>Certification</b>	XXXX
<b>Covering area</b>	XXXX
<b>Registered code</b>	XXXX
<b>Registered institute</b>	XXXX

Source: CCM

## - Product portfolio

Table 7.1-2 Product portfolio of XXXX Co., Ltd., as of May 2015

Product	Specification	Package
XXXX	XXXX	XXXX
XXXX	XXXX	XXXX
XXXX	XXXX	XXXX
XXXX	XXXX	XXXX
XXXX	XXXX	XXXX
XXXX	XXXX	XXXX

Source: CCM

## - Financial analysis

Table 7.1-3 Balance sheet of XXXX Co., Ltd., '000USD, 2013

Item	2013
Cash and cash equivalents	XXXX
Notes receivable	XXXX
Deferred tax assets	XXXX
Total intangible assets and other assets	XXXX
Long-term deferred expenses	XXXX
<b>Total assets</b>	XXXX
Current liabilities	XXXX
Short-term loans	XXXX
Notes payable	XXXX
Accounts Payable	XXXX
Advance from customers	XXXX
...	...
Long-term liabilities	XXXX
Long-term loans	XXXX
Other long-term liabilities	XXXX
Total long-term liabilities	XXXX
<b>Total liabilities</b>	XXXX
Shareholders' equity	XXXX
Total shareholders' equity	XXXX
<b>Total liabilities and shareholders' equity</b>	XXXX

Source: CCM

Table 7.1-4 Income statement of XXXX Co., Ltd., '000USD, 2013

Item	2013
Revenue	XXXX
Sales cost	XXXX
Distribution expenses	XXXX
Administrative expenses	XXXX
Financial costs	XXXX
Business taxes and surcharges	XXXX
Gain/loss on investment	XXXX
Non-operating income	XXXX
Non-operating expense	XXXX
<b>Total profit</b>	XXXX
Income tax	XXXX
<b>Net profit</b>	XXXX

Source: CCM

Table 7.1-5 Income statement of microalgae DHA in xxxx Co., Ltd., USD, 2013

Item	2013
Revenue	XXXX
Sales cost	XXXX
Distribution expenses	XXXX
Administrative expenses	XXXX
Financial costs	XXXX
Business taxes and surcharges	XXXX
<b>Total profit</b>	XXXX
Income tax	XXXX
<b>Net profit</b>	XXXX
<b>Profit rate of microalgae DHA sales</b>	XXXX

Source: CCM

### - Manufacturing cost analysis

Table 7.1-6 Estimated manufacturing cost of microalgae DHA oil in XXXX Co., Ltd., 2014

Category	Item	Unit price, USD/t	Unit consumption, t/(kWh/t)	Unit cost, USD	Share
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
<b>Total cost</b>				<b>XXXX</b>	<b>XXXX</b>

Source: CCM

Table 7.1-7 Estimated manufacturing cost of microalgae DHA powder in XXXX Co., Ltd., 2014

Category	Item	Unit price, USD/t	Unit consumption, t/(kWh/t)	Unit cost, USD	Share
Direct cost	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
Indirect cost	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
<b>Total cost</b>				<b>XXXX</b>	<b>XXXX</b>

Source: CCM