

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

2.1.2 Summary of production (2010-2012)

....

Table 2.1.2-1 Key suppliers of leucine in China, 2010-2012

No.	Company	Abbreviation	Ownership	Location	Status, July 2013	Technology	Raw material	Capacity 2012, t/a	Output 2012, tonne	Output 2011, tonne	Output 2010, tonne
1	Shine Star (Hubei) Biological Engineering Co., Ltd.	Hubei Shine Star	State-owned	Hubei	Active	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
2	XXXX	XXXX	XXXX	XXXX	XXXX	Fermentation	Glucose	XXXX	XXXX	XXXX	XXXX
3	XXXX	XXXX	Privately owned	Shandong	Active	Extraction	XXXX	XXXX	XXXX	XXXX	250
4	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	Hair and feather	XXXX	195	XXXX	XXXX
5	XXXX	XXXX	Privately owned	Jiangsu	XXXX	Fermentation	XXXX	XXXX	XXXX	XXXX	XXXX
6	XXXX	XXXX	XXXX	XXXX	Idle	XXXX	Glucose	XXXX	XXXX	110	XXXX
7	XXXX	XXXX	XXXX	Hubei	Active	Extraction	XXXX	200	XXXX	XXXX	XXXX
8	XXXX	XXXX	XXXX	XXXX	XXX	XXXX	Glucose	XXXX	XXXX	XXXX	XXXX
9	XXXX	XXXX	XXXX	XXXX	Active	Extraction	XXXX	XXXX	80	XXXX	XXXX
10	XXXX	XXXX	XXXX	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	0
Others								XXXX	XXXX	XXXX	XXXX
Total								XXXX	XXXX	XXXX	XXXX

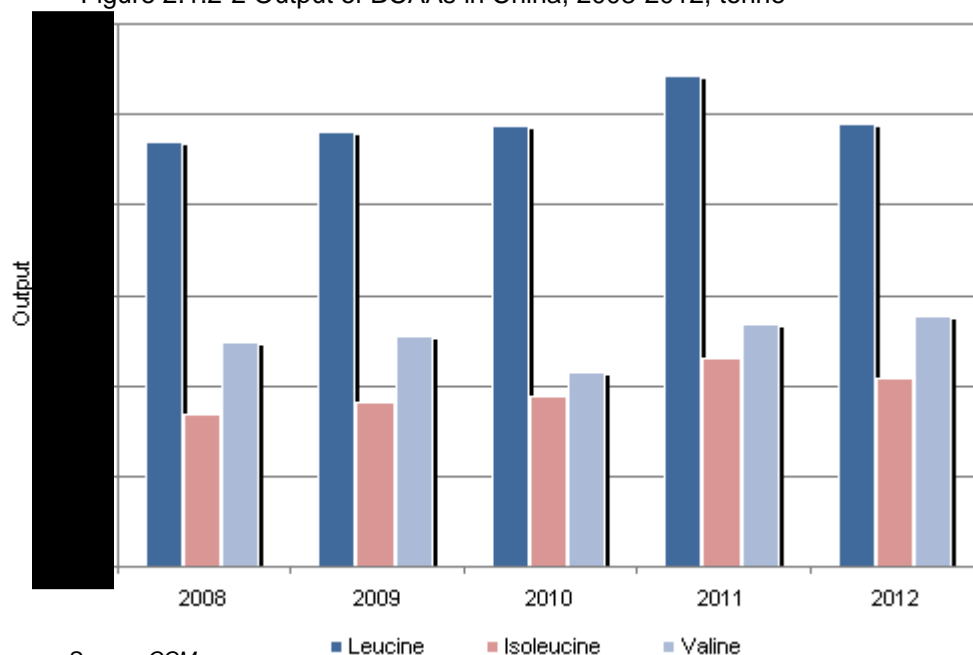
Source: CCM

....

In recent years, producers have paid more attention to XXXX production with XXXX's application becoming increasingly wide. XXXX launches its valine production lines in 2012, so does XXXX. And more XXXX has been produced in China in recent years.

...

Figure 2.1.2-2 Output of BCAAs in China, 2008-2012, tonne



....

4 Market size of demand in China

4.1 Demand situation (2010-2012)

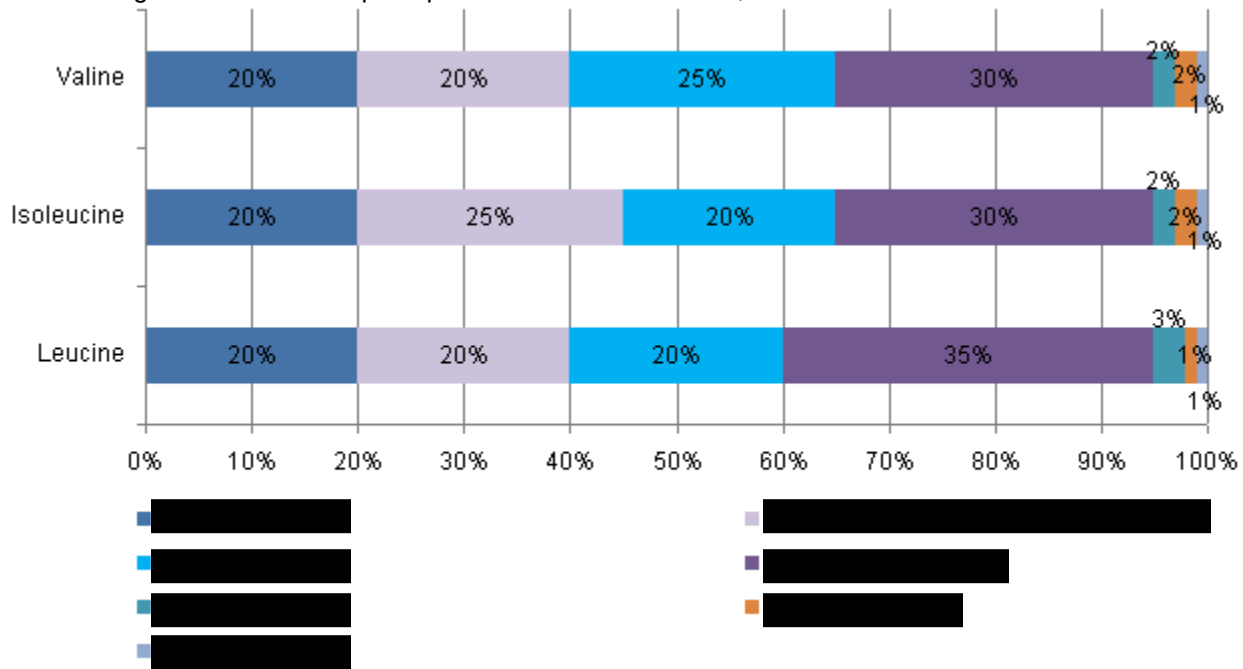
....

Table 4.1-1 Consumption of BCAAs by downstream industry in China, 2012

Item	Leucine			Isoleucine			Valine			
	Downstream industry	Application filed	Consumption volume, tonne	Share	Consumption volume, tonne	Share	Consumption volume, tonne	Share		
Food industry	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXX		
	XXXX	XXXX	XXXX		54	XXXX	XXXX	XXXX	XXXX	
	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	25%	
Non-food industry	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
Others		XXXX	XXXX		XXXX	XXXX	XXXX	XXXX		
Total		XXXX	100%	100%	XXXX	100%	100%	XXXX	100%	100%

Source: CCM

Figure 4.1-2 Consumption pattern of BCAAs in China, 2012



Source: CCM

6 Analysis of key producers

6.1 Shine Star (Hubei) Biological Engineering Co., Ltd.

....

Financial situation

Table 6.1-1 Financial situation of Hubei Shine Star, 2012, USD

Revenue	XXXX
Cost of sales	XXXX
XXXX	XXXX
Business taxes and surcharges	XXXX
XXXX	XXXX
XXXX	XXXX
XXXX	XXXX
XXXX	XXXX
Net profit	XXXX

Source: CCM

Table 6.1-2 Financial situation of leucine in Hubei Shine Star, 2012, USD

XXXX	XXXX
XXXX	XXXX
XXXX	637,832
XXXX	XXXX
Financial costs	XXXX
Business taxes and surcharges	XXXX
Total profit	XXXX
XXXX	XXXX
Net profit	XXXX

Source: CCM

Cost analysis

Table 6.1-3 Estimated leucine production cost of Hubei Shine Star, 2012

Category	Item	Unit price, USD/t (USD/kWh)	Unit consumption, t/t (kWh/t)	Unit cost, USD/t	Share, %
	XXXX	XXXX	XXXX	XXX	XXXX
Direct cost	Main raw materials for purification	XXXX	XXXX	XXXX	XXXX
	Other raw materials	XXXX	XXXX	XXXX	XXXX
	Water	XXXX	XXXX	XXXX	XXXX
	Electricity	XXXX	XXXX	XXXX	XXXX
	Labor	XXXX	XXXX	XXXX	XXXX
Indirect cost	XXXX	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
	Treatment of waste gas, waste water and waste residue	XXXX	XXXX	XXXX	XXXX
	XXXX	XXXX	XXXX	XXXX	XXXX
Total cost, USD/t				XXXX	XXXX

Source: CCM