

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

1 Market situation of L-Cysteine in China

1.1 L-Cysteine market price situation

1.1.1 L-Cysteine market price trend, 2006-2011

✓ L-Cysteine hydrochloride monohydrate

During 2006-2008, the market price of L-Cysteine hydrochloride monohydrate in China took on a downtrend. Some reasons can explain that. Firstly, the sufficient supply of direct raw material, L-Cystine, is beneficial for producers of L-Cysteine hydrochloride monohydrate who don't self-produce L-Cystine. During 2006-2008, L-Cystine's supply increased from ■■■ tonnes to ■■■ tonnes, providing enough raw materials for L-Cysteine hydrochloride monohydrate production. Secondly, some producers of L-Cysteine hydrochloride monohydrate expanded capacity during those years. As a result, the fast increasing supply but slowly rising demand made the product's market price decline slightly.

...

1.2 Major applications in China

In China, L-Cysteine products are mainly used in foods, pharmaceuticals, cosmetics and so on. Its total consumption reaches ■■■ tonnes in 2010. However, the volume is still lower than that in 2008.

L-Cysteine hydrochloride monohydrate constitutes the largest part of the consumption in 2010. Meanwhile, it has the largest market size counted by value with USD ■■■ million in 2010.

L-Cysteine hydrochloride anhydrous comes next with USD ■■■ million, much less than L-Cysteine hydrochloride monohydrate due to the less demand for the former.

L-Cysteine base's market size remains stable due to its steady demand in China.

2 Production cost and profitability of L-Cysteine in China

2.1 Production cost and profitability of L-Cysteine hydrochloride monohydrate

In 2010, the top three producers of L-Cysteine hydrochloride monohydrate in China are Shine Star (Hubei) Biological Engineering Co., Ltd., Wuhan Grand Hoyo Co., Ltd. and Ningbo Zhenhai Haide Biochem Co., Ltd., with output of ■■■ tonnes, ■■■ tonnes and ■■■ tonnes respectively. The total output of them accounts for ■■■ % of the national output in 2010.

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

2.1.1.1 Estimation on production cost of L-Cysteine hydrochloride monohydrate

Table 2.1.1.1-1 Estimation on production cost of L-Cysteine hydrochloride monohydrate in Shine Star, Sept. 2011

Item	Cost, USD/t
Manufacturing cost	■
Management cost	■
Total	■

Source: CCM International

2.1.1.2 Estimation on manufacturing cost

Table 2.1.1.2-1 Estimation on manufacturing cost of L-Cysteine hydrochloride monohydrate in Shine Star, Sept. 2011

No.	Item	Unit cost, USD/t
1	Raw materials	■
2	Utilities	■
3	Labor ①	■
4	Packing	■
5	Depreciation ②	■
Total		■

Note: ① There are totally ■ ordinary operators for L-Cysteine hydrochloride monohydrate production in Shine Star. Average salary is USD ■ per month.

② Theoretically, the fixed assets per tonne L-Cystine are about USD ■ and are paid in equal installments in ten years. The fixed assets per tonne L-Cysteine hydrochloride monohydrate are about USD ■ and are paid in equal installments in ten years. Shine Star's operating rates of L-Cystine and L-Cysteine hydrochloride monohydrate are about ■% and ■% respectively. Thus, the actual depreciation is USD ■/t in 2011.

Source: CCM International

...