

Production and Technology of Sugar Alcohol in China

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Abstracts

Description:

CCM has finished a market report named Production, Market and Manufacturing Cost of Sugar Alcohols in China in Jun 2010. In order to meet clients' different demands and provide more low-price products, we separated it into many sub-reports with different specific themes. Production and Technology of Sugar Alcohol in China is one of the sub-reports.

Sugar alcohols produced in China mainly include sorbitol, xylitol, maltitol, mannitol and erythritol. China is one of the largest sugar alcohol producers in the world, with total output of xx tonnes in 2009, accounting for xx of global output, rising slightly compared with that of 2008. However, global financial crisis and less developed market for sugar alcohol held back the growth; some producers even suspended or stopped production. Currently there are about xx major active producers in China according to the market situation in May 2010. Currently, there are mainly two methods to produce sugar alcohols in China: traditional chemical method with glucose hydrotreating and biotechnological method through fermentation with corncob as raw material. Traditional method with glucose to be hydrotreated at the presence of catalyst to produce sugar alcohols can easily help realize industrial production of large scale. Bioproduction method is only used in xylitol, mannitol and erythritol's production, including microbial fermentation and enzyme process. Bioproduction is still immature for other sugar alcohols in China.

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COMPANIES MENTIONED

Shandong Tianli Pharmaceutical Co., Ltd., Roquette (China) Co., Ltd., Guangxi Khalista (Liuzhou) Chemical Industries Ltd., Hebei Qinhuangdao Lihua Starch Co.,Ltd., North China Pharmaceutical Sinowin Co., Ltd., Hebei Zhaozhou Limin Starch Co., Ltd.

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