

DAFTAR PUSTAKA

- Bone, D.P. 1969. "Water Activity. It's Chemistry and Application" dalam Adnan, M., 1982.
- Chen, L. and Gong, C.H. 1985. "Fermentation of Sugarcane Bagasse Hemicellulose Hydrolysate to Xylitol by a Hydrolysate-Acclimatized Yeast". **J. Food Sci.**, 50 : 226-228.
- Emodi, A. 1978. "Xylitol, Its Properties and Food Application". **Food Technol.**, 32 : 28-32
- Forage, R.G., Harison, D.E.F, dan Pitt, D.E. 1985. "Effect of Environment on Microbial Activity". Dalam Murray-Moo Young (ed) : *Comprehenshive Biotechnology*, pp. 251-280, Pergamon Press. Oxford.
- Dominguez, J.M., Gong, C.S. dan Tsao, G.E. 1996. "Pretreatment of Sugar Cane Bagasse Hemicellulose Hydrolysate for Xylitol by Yeast". **Appl. Biochemis and Biotech.**, 57/58 : 49-56
- Horitsu, H., dkk. 1992. "Production of Xylitol from D-Xylose by *Candida tropicalis* : Optimization of Production Rate". **Biotech. Bioeng.**, 40 : 1085-1091.
- Izumori, K., dan Tuzaki, K. 1988. "Production of Xylitol from D-xylullose by *Mycobacterium smegmatis*", **J. Ferment. Technol**, 66 : 33-36.
- Nigam, P. and Singh, D. 1995. "Processes for Fermentative Production of Xylitol-a Sugar Substitute". **Proc. Biochem.**, 30 : 117-124.
- Parajo, J.C., Dominguez, H. dan Dominguez, J.M. 1996. "Production of Xylitol from Concentrated Wood Hydrolysates by *Debaromyces Hansenii* : Effect of the Initial Cell Concentration". **Biotechnol. Lett.**, 18 : 593-598.
- Pelczar, Jr. MJ., Chan, E. C. S., dan Krieg, N.R. 1986. "Microbiology". McGraw Hill. New York.
- Prior, B.A., Killian, S.G. dan Du Preeze, J.C. 1989. "Fermentation of D-Xylose by the Yeasts *Candida shehatae* and *Pichia stipitis*". **Process Biochemistry**, 24 : 21-31.

- Roberto, I.C., dkk. 1994. " Evaluation of Rice Straw Hemicellulose Hydrolisate in the Production of Xylitol by *Candida guilliermondii*". **Biotech. Letts.**, 16 : 1211-1216.
- ^aRoberto, I.C., dkk. 1995. " Influence of Media Compotion on Xylitol Fermentation by *Candida guilliermondii* Using Response Surface Methodology". **Biotech. Letts.**, 17 : 1223-1228.
- ^bRoberto, I.C., dkk. 1995. Xylitol Production By *Candida guilliermondii* an Approach for the Utilization of Agroindustrial Residues. **Bioresource Technol.**, 51 : 255-257.
- Robina, F. 1999. "Isolasi dan Karakteristik Yeast Penghasil Xilitol dari Bahan Berxilan Tinggi". Skripsi. Jurusan Teknologi Hasil Pertanian UGM, Yogyakarta.
- Sudarmadji, S. 1982. "Bahan-bahan Pemanis". Agritech, Yogyakarta.
- Silva, S.S., Roberto, I.C., Felipe, M.G.A. dan Manchilha, L.M. 1996. "Batch Fermentation of Xylose for Xylitol Production in Stirred Tank Bioreactor". **Proc. Biochem.**, 31 : 549-553.
- Sirisansanceyakul, S., Staniszewski, M., dan Rizzi, M., 1995. "Screening of Yeast for Production of Xylitol from D-Xylose". **J. Ferment. Bioeng.**, 80 : 565-570.
- Thestrup, H.N. dan Hagerdal, B.H. 1995. "Xylitol Formation and Reduction Equivalent Generation during Anaerobic Xylose Conversion with Glucose as Cosubstrate in Recombinant *Saccharomyces cerevisiae* Expressing the *xyII* Gene". **Appl. Environment. Microbiol.**, 61 : 2043-2045.
- Tokuoka, K., dkk. 1992. "Accumulation of Polyols and Sugars in Some Sugar-Tolerant Yeasts". **J. Gen. Appl. Microbiol.**, 38 : 35-46.
- Vandeska, A., Kuzmanova, S. dan Jeffries, T.W. 1995. " Xylitol Formation and Key Enzyme Activities in *Candida boidinii* Under Different Oxygen Transfer Rates". **J. Ferment. Bioeng.**, 80 : 513-516.
- Yulianto, W.A. 1998. "Seleksi Yeast untuk Produksi Polioliol dan Studi Kondisi Lingkungan Fermentasi terhadap Produksi Xilitol oleh Yeast Terpilih". Skripsi. Jurusan Teknologi Hasil Pertanian UGM, Yogyakarta.