

DAFTAR PUSTAKA

- Agustina, S.W. 2002. *Penetapan Kadar Xilan dari Beberapa Limbah Industri Pertanian dengan Menggunakan Metode Kromatografi Cair Kinerja Tinggi*. Skripsi. Fakultas Farmasi, Universitas Pancasila, Jakarta.
- Alibaba. 2013. Tersedia di <http://www.alibaba.com/showroom/xylose-crystal-powder.html>. Diakses tanggal 2 Februari 2013.
- American Academy of Pediatric Dentistry (AAPD). *Policy on the Use of Xylitol in Caries Prevention*. *Pediatr Dent* 2010; 32(special issue): 36-8.
- American Dietetic Association. 2004. *Nutritive and Nonnutritive Sweeteners*. *Journal of the American Dietetic Association* 2004; 104:256.
- Anonymous. 2014. Standar Gaji Aneka Posisi di Indonesia. Tersedia di <http://www.jobloker.com/id/artikel-dunia-kerja/66-standar-gaji-aneka-posisi-di-indonesia> Diakses 19 Februari 2014.
- Antara News. 2013. *Lampung Selatan Bangun Kawasan Industri*. Tersedia di <http://www.antaraneews.com/berita/366878/lampung-selatan-bangun-kawasan-industri>. Diakses 9 April 2013.
- Bar, A.1991. *Xylitol*. In *Alternative sweetener*, ed. Nabors, L. O. and Gelardi, R. C. 2nd. edition, 349-379. N.Y., Basel, Hong-Kong: Marcel Dekker Inc.
- Badan Pusat Statistik (BPS). 2013. Tersedia di <http://www.bps.go.id>. Diakses 26 Maret 2013.

- Badan Pusat Statistik (BPS). 2013. Tersedia di <http://www.bps.go.id/aboutus.php?inflasi=1>. Diakses 18 Februari 2014.
- Badan Pengawas Obat dan Makanan (BPOM RI). 2011. Tersedia di <http://www.pom.go.id/webreg/index.php/home/produk/13/row/10/page/1/order/4/DESC/search/1/xylitol>. Diakses 2 Maret 2013.
- Balinus, Martine. 2004. *Spray-dried Xylitol and Process for Its Production*. United States Patent.
- Banchero, Julius T., and Walter L. Badger. 1955. *Introduction to Chemical Engineering*. McGraw Hill : New York.
- Bank Indonesia (BI). 2014. Tersedia di <http://www.bi.go.id/id/moneter/informasi-kurs/transaksi-bi/Default.aspx>. Diakses 17 Februari 2014.
- Brownell, Lloyd E., and Edwin H. Young. 1959. *Process Equipment Design*. John Wiley & Sons, Inc. : New York.
- Cascade Analytical Reagents and Biochemicals. 2013. Tersedia di <http://www.cascadebiochems.com/polyols>. Diakses 3 April 2013.
- Cheng, K. K., dkk. 2010. *Strain Isolation and Study on Process Parameters for Xylose to Xylitol Bioconversion*. University Beijing: China. *Biotechnol. & Biotechnol. Eq.* 2010, 24(1), 1606-1611.
- Coulson J.M., and J. F. Richardson. 1993. *Chemical Engineering 3rd edition*. Butterworth-Heinemann : Washington.
- Cunningham, Mary Lou, dkk. 2007. *Non Crystallizing Liquid Xylitol Compositions and Co-Hydrogenation Processes for Making Same*. Brevet Canadien, Canadian Patent.

- Da Silva, Manuel A.V. Ribeiro, dkk. 2013. *Thermochemistry of D-xylose (cr)*. Journal Chem. Thermodynamics.
- Dean, W., Metformin. 1998. *An Effective and Underappreciated Life Extension Drug : Vitamin Research News*. Tersedia di <http://www.cpmedical.net/articles/xylitol-sweetener-may-support-bone-health>. Diakses tanggal 9 Juni 2014.
- Doni, 2012. *Permen dan Kegunaannya*. Tersedia di <http://news.cobadulu.com/2012/02/14/permen-dan-kegunaannya/>. Diakses 26 Maret 2013.
- EBTKE. 2012. *Harga Hidrogen Bisa Lebih Murah dari Premium*. Tersedia di <http://www.ebtke.esdm.go.id/energi/energi-baru/hidrogen/494-harga-hidrogen-bisa-lebih-murah-dari-premium.html>. Diakses 25 November 2012.
- Fahid, Rabah, Dr. 2012. Water Treatment, Lecturer 5 : Filtration. Environmental Engineering Department : Islamic University Of Gaza.
- Faveri, D. De. 2002. *Xylitol Recovery by Crystallization from Synthetic Solutions and Fermented Hemicellose Hydrolyzates*. *Jurnal Chemical Engineering* 90 (2002) 291-298.
- Fithrony, Hamim. 2009. *The Influence of Xylitol Containing Toothpaste on Plaque Formation Inhibition on Fixed Bridge*. *Dental Journal*, vol. 42., no. 3., July-September 2009.
- Fogler, H. Scott. 1999. *Elements of Chemical Reaction Engineering*. Prentice Hall International Inc. : United States of America.
- Geankopolis, Christie J. 1993. *Transport Processes and Unit Operations 3rd edition*. Prentice Hall : New Jersey.

- Guangzhou CCM Information Science & Technology Co., Ltd. 2013. *Domestic Output of Sugar Alcohol Witnesses Uptrend in Recent Years*. Tersedia di <http://eshare.cnchemicals.com/publishing/home/2013/02/05/129/domestic-output-of-sugar-alcohol-witnesses-uptrend-in-recent-years.html>. Diakses 23 April 2013.
- Goodness Ltd., 2013. *Chocolate Cacao Xylitol Sweetened*. Tersedia di http://www.goodnessdirect.co.uk/cgi-local/frameset/detail/637044_Xylitol_Chocolate_72__Luxury_Dark__100g_bar.html. Diakses tanggal 9 Juni 2014.
- Goldberg, Robert N., Dkk. 2012. *Saturation Molalities And Standard Molar Enthalpies Of Solution Of -D-Xylose(Cr) In H₂O(1); Standard Molar Enthalpies Of Solution Of 1,4- -D-Xylobiose(Am), And 1,4- -D-Xylotriose(Am) In H₂O(L)*. J. Chem. Thermodynamics, 2012, Vol. 52, Pp 108.
- Greet. 2010. *The Greenhouse Gases, Regulated Emmisions, and Energy Use in Transportation Model*. Argonne National Laboratory.
- Heikkila, Heikki, dkk. 2011. *Method for Recovery of Xylose from Solutions*. United States Patent.
- Himamia. 2012. *Mengenal Xylitol Gula Langka yang Menyehatkan*. Tersedia di <http://himamia.mipa.uns.ac.id/2012/09/09/mengenal-xylitol-gula-langka-yang-menyehatkan/>. Diakses 31 Maret 2013.
- Himmeblau, David. 1996. *Basic Principles and Calculation in Chemical Engineering*, Prentice Hall Inc, New Jersey.
- Holgeston, P.L. 2007. *Xylitol and it's effect on oral ecology*. Departement of Odontology. Paediatric. Dentistry Fakultas of Medicine. Umea. Hal.16-20.

- Honeywell. 2006. *Sensors for Test and Measurement*. Tersedia di <https://measurementsensors.honeywell.com/Pages/default.aspx#ex>. Diakses 10 Maret 2014.
- Jaffe, Gerald Myer, dkk. 1971. *Manufacture of Xylitol*. United States Patent.
- Jaffe, Gerald Myer, dkk. 1974. *Process for Producing Xylose*. United States Patent.
- Jaffe, Gerald Myer, dkk. 1976. *Aqueous Crystallization of Xylitol*. United States Patent.
- Jeevan, P., dkk. 2011. *Optimization Studies on Acid Hydrolysis of Corn Cob Hemicellulosic Hydrolysate for Microbial Production of Xylitol*. Journal of Microbiology and Biotechnology Research.
- Karassik, Igor J., Dkk. 2011. *Pump Handbook*, 3rd Edition. Mcgraw-Hill Co. : New York.
- Kern, Donald Q. 1965. *Process Heat Transfer*. Mcgraw-Hill Co. : New York.
- Kim, Sang Yong, dkk. 1999. *Fermentation Process for Preparing Xylitol Using Candida Tropicalis*. United States Patent.
- Legawa, Cahya. 2011. *Berbicara Tentang Pemanis Buatan dan Pengganti Gula*. Tersedia di <http://catatan.legawa.com/2011/07/berbicara-tentang-pemanis-buatan-dan-pengganti-gula/>. Diakses 26 Maret 2013.
- Levenspiel, Octave. 1995. *Chemical Reaction Engineering 2nd edition*. John Wiley & Sons, Inc. : New York.
- Marlin, Thomas. 2000. *Process Control, Designing Processes, and Control System for Dynamic Performance 2nd Ed*. Tersedia di <http://pc-education.mcmaster.ca/default.htm>. Diakses 10 Maret 2014.

- Maryono. 2014. BI Rate 7,5% Suku Bunga KPR BTN Tetap 11%. Tersedia di <http://www.infobanknews.com/2014/02/bi-rate-75-suku-bunga-kpr-btn-tetap-11/>. Diakses 6 Maret 2014.
- Meggison, Andrew. 2012. *Hydrogen Without The High Cost*. Tersedia di <http://gas2.org/2012/06/04/hydrogen-without-the-high-cost/>. Diakses 20 November 2012.
- Megyesy.E.F. 1983. *Pressure Vessel Handbook*. Pressure Vessel Publishing Inc., USA.
- Mikkola, Jyri-Pekka, dkk. 1999. *Modelling of kinetics and mass transfer in the hydrogenation of xylose over Raney nickel catalyst*, J. Chem. Technol. Biotechnol. 74, 655-662.
- Mikkola, Jyri-Pekka, dkk. 2000. *Deactivation Kinetics of Mo-supported Raney Ni Catalyst in the Hydrogenation of Xylose to Xylitol*. Abo Akademi : Faculty Of Chemical Engineering, Finland.
- Moss, Dennis R. 2004. *Pressure Vessel Design Manual 3rd Edition*. Elsevier Publishing Inc., USA.
- Nigam, P. and Singh, D. 1995. *Processes for Fermentative Production of Xylitol—a sugar substitute*. Process Biochemistry 30(2): 117–124.
- Nurchayani, Ida. 2014. *PGN Siap Operasikan FSRU Lampung*. Tersedia di <http://www.antaraneews.com/berita/433556/pgn-siap-operasikan-fsru-lampung>.
- Oja, V., Dan E. M. Suuberg. 1999. *Vapor Pressure And Enthalpies Of Sublimation Of D-Glucose, D-Xylose, Cellobiose, And Levoglucosan*. J. Chem. Eng. Data, 1999, 44 (1), Pp 26–29.

- People's Government of Jilin Province. 2008. *Annual Output of 50,000 Tons of Xylitol Project of Changchun City*. Tersedia di http://english.jl.gov.cn/Investment/Opportunities/Majorproject/201104/t20110401_971857.html. Diakses tanggal 23 Januari 2013.
- Perry, Robert H., and Don W. Green. 1999. *Perry's Chemical Engineers' Handbook 7th edition*. McGraw Hill : New York.
- Perry, Robert H., and Don W. Green. 2008. *Perry's Chemical Engineers' Handbook 8th edition*. McGraw Hill : New York.
- Powell, S. 1954. *Water Conditioning for Industry, Ed. 1st*. Mc Graw Hill Book Company : London.
- Puspita, P.J., Laksmi A., dan Suryani. 2012. *Optimization of Xylose and Glucose Concentration for Xylitol Production by Candida tropicalis*. Department of Biochemical Science and Technology, Faculty of Life Science, National Chiayi University. The 3rd Annual Indonesian Scholar Conference in Taiwan.
- Radar Lampung. 2011. *Lampung Buka Gerbang Ekspor Impor*. Tersedia di <http://www.radarlampung.co.id/read/metro-bisnis/42989-lampung-buka-gerbang-ekspor>. Diakses 9 April 2013.
- Raju, 1995, *Water Treatment Process*, McGraw Hill International Book Company, New York
- Road, E. Moses, Dr. 2004. *Role of Weak Acid Cation Resin in Water Treatment*. Ion Exchange (India) Ltd., Mumbai : India.
- Satyagraha. 2013. Wamenkeu : Inflasi 2016-2018 di bawah 5%. Tersedia di <http://www.antaranews.com/berita/408370/wamenkeu-inflasi-2016-2018-di-bawah-lima-persen>. Diakses 18 Februari 2014.

- Setiawan, Iwan. 2008. *Kontrol PID Untuk Proses Industri*. Elex Media Komputindo.
- Smith, J.M., H.C. Van Ness, and M.M. Abbott. 2001. *Chemical Engineering Thermodynamics 6th edition*. McGraw Hill : New York.
- Soderling, E., dkk. 2011. *The effect of xylitol on the composition of the oral flora: a pilot study*. Eur. J. Dent., 2011, Jan 5 (1) : 24-31. Tersedia di <http://www.ncbi.nlm.nih.gov/pubmed/21311610>. Diakses tanggal 9 Juni 2014.
- Stouffer, Keith, Joe Falco, and Karen Kent. 2006. *Guide to Supervisory Control and Data Acquisition (SCADA) and Industrial Control Systems Security*. National Institute of Standards and Technology : Gaithersburg.
- Sumada, Ketut. 2012. *Perancangan Fasilitas Pengolahan Air Limbah Secara Kimia*. 20 April 2012. Tersedia di <http://Ketutsumada.Blogspot.Com/2012/04/Perancangan-Fasilitas-Pengolahan-Air.Html>. UPN Veteran : Jawa Timur. Diakses 20 Januari 2014.
- Tackett, Herbert H., Dkk. 2008. *Positive Displacement Reciprocating Pump Fundamentals-Power And Direct Acting Types. Proceeding Of The Twenty-Fourth International Pump Symposium*.
- Thiel, Peta, Dkk. 2006. *Activated Carbon Vs Anthracite As Primary Dual Media Filters-A Pilot Plant Study*. 69th Annual Water Industry Engineers And Operators' Conference Bendigo Exhibition Centre.
- Timmerhaus, Klaus D., Max S. Peters, and Ronald E. West. 2002. *Plant Design and Economics for Chemical Engineers 5th edition*. McGraw-Hill : New York.

- Tong, Bo, dkk. 2007. *Thermodynamic Investigation of Several Natural Polyols : Heat Capacities and Thermodynamic Properties of Xylitol*. Beijing, China. *Thermochimica Acta* 457 (2007) 20-26.
- Turton, R.K., 1984. *Principles Of Turbomachinery*. E & F.N. Spon, London.
- Ulrich.G.D., 1987, *A Guide to Chemical Engineering Process Design and Economics*. John Wiley & Sons Inc, New York.
- Walas, Stanley M. 1990. *Chemical Process Equipment*. Butterworth-Heinemann : Washington.
- Wellesley, Mass. 2013. *Global Sugar, Sweeteners Market To Hit \$97 Billion by 2017*. Tersedia di <http://www.foodproductdesign.com/news/2013/04/global-sugar-sweeteners-market-to-hit-97-billion.aspx>. Diakses 23 April 2013.
- Whistler, R.L. 1950. *Xylan*. Hudson, C.S. dan Sidney (eds). *Advances in Carbohydrate Chemistry*. Volume 5. General Polysaccharides. Academic Press, New York.
- Wibisono, B. Kunto. 2013. *Serikat Buruh Kecewa Hasil Penetapan UMP Lampung*. Tersedia di <http://www.antaraneews.com/berita/409807/serikat-buruh-kecewa-hasil-penetapan-ump-lampung>. Diakses 19 Februari 2014.
- Wolever, T.M.S., et. al. 2002. *Sugar Alcohols and Diabetes; a review*. *Canadian Journal of Diabetes*; 26:356.
- Yulianto, W.A. 2001. *Pengaruh pH, Kadar Xilosa dan Kadar Glukosa Terhadap Produksi Xylitol Oleh Candida shehatae WAY 08*. *Jurnal Teknologi dan Industri Pangan*. Vol XII. No.2. Hal.157-162.