



DAFTAR PUSTAKA

- Anonim. Matches' engineering to chemical energy manufacturing metallurgical industries. www.matche.com/equipment_cost (diakses tanggal 8 Januari 2018)
- Blanchard, P.H. and Katz, F.R. 2006. Starch Hydrolysates, in *Food Polysaccharides and Their Applications*. 2nd Ed. Edited by Stephen, A.M., Phillips, G.O., and Williams, P.A. Boca Raton : CRC Press. Page: 119 – 145.
- Alikonis, J.J., Co, P.F.B., and Bloomington. 1955. Carbohydrates in The Food Industry, In *Use Of Sugars And Other Carbohydrates In The Food Industry*. Washington, D. C.: American Chemical Society . Page: 57-63
- Medistiara, 2017. Detik Finance: Sudah Panen Raya, Harga Jagung Masih Tinggi. <https://finance.detik.com/berita-ekonomi-bisnis/3455681/sudah-panen-raya-harga-jagung-masih-tinggi> (diakses tanggal 17 Oktober 2017)
- Chattopadhyay, P.K. 2012. *Profitable Agro Based Projects with Project Profiles (Cereal Food Technology)*. 2nd Edition. Delhi: NIIR Project Consultancy Services. Page: 131
- Badan Standardisasi Nasional. 2010. *Dekstrosa Monohidrat*. SNI 4591-2010. Jakarta: BSN. Page: 1
- Koswara, S. 2009. *Teknologi Pengolahan Jagung*. Bogor : ebookpangan.com
- Peter, M.S. and Timmerhous, K.D., 2003, *Plant Design and Economic for Chemical Engineers*, 4th edition, New York: McGraw-Hill Inc.
- McCabe, W.L., Smith, J.C. and Harriott. P., 1993, *Unit Operations of Chemical Engineering*, 5th Edition, New York.: McGraw Hill.
- Badan Pusat Statistik. 2017. *Luas Panen, Produksi, Produktivitas, Ekspor, dan Impor Jagung Indonesia (Angka tetap 2011 - 2016)*. Provinsi Jawa Timur
- Sorini Agro Asia Tbk. (PT). 2015. *Bukti Awal Penyelidikan Tindakan Pengamanan Perdagangan*. Jakarta : PT. Sorini Agro Asia Corporindo Tbk. Halaman 2.
- Sholihah N.F. dan Saputro T.B. 2016. *Respon Tanaman Jagung (Zea mays L.) Varietas Manding terhadap Cekaman Salinitas (NaCl) secara In Vitro*. Surabaya : Jurnal Sains dan Seni ITS Vol. 5, No.2, (2016) 2337-3520. Page: E-61.



*Pabrik Dekstrosa
Monohidrat Dari Biji Jagung Dengan Proses
Hidrolisa Enzim*

- Takai, R. Abe, H., Watanabe, H., Hasegawa H And Sakai, Y. 1986. *Average Specific Cake Resistance determined In The Presence Of Sedimentation in Filtration Of Starch Slurry Under Constant Pressure*. Journal of Food Process Engineering 9 (1987) 265-275
- Blanchard, P.H. and Katz, F.R. 2006. Starch Hydrolysates, in *Food Polysaccharides and Their Applications*. 2nd Ed. Edited by Stephen, A.M., Phillips, G.O., and Williams, P.A. Boca Raton : CRC Press. Pages: 119 – 145.
- Peckham, G.T.J. 1955. Hydrolyzates in The Food Industry, In *Use Of Sugars And Other Carbohydrates In The Food Industry*. Washington, D. C.: American Chemical Society . Pages: 43-48
- Risnoyatiningih, S. 2008. *Yellow Sweet Potato Starch Hydrolysis into Glucose Enzymatically*. Surabaya : Jurnal Teknik Kimia Vol. 3, No. 1. (2016) 215-223.
- Uhlig, H., 1998, *Industrial Enzymes and their Applications*, John Wiley and Sons Inc. New York. Page : 231
- Standar Nasional Indonesia. 2010. *Syarat Mutu dan Cara Uji Dekstrosa Monohidrat*. SNI 4591:2010
- Material Safety Data Sheets for Calcium Chloride, Activated Charcoal, and Hydrochloric Acid. <http://www.sciencelab.com/msds.php?msdsId=9924285> (diakses tanggal 02 November 2017)
- Santoso, H. 2010. *Hidrolisa Enzimatis Pati Tapioka dengan Kombinasi Pemanas Microwave-Water Bath pada Pembuatan Dekstrin*. Semarang : Universitas Diponegoro. 6 (2):29–35.
- Hossain, A. 2004. *Starch Manufacturing Process*. Bhubaneswar : Kiiit University. Page : 14 – 15.
- Hoobs, L. 2009. *Sweeteners from Starch: Production, Properties and Uses 3rd Edition*. Amsterdam : Elsevier Inc. Page : 813 – 816.
- Badan Standardisasi Nasional. 1998. *Jagung Bahan Baku Pakan*. SNI 4483-1998. Jakarta: BSN. Page: 1



*Pabrik Dekstrosa
Monohidrat Dari Biji Jagung Dengan Proses
Hidrolisa Enzim*

- Hallas-Møller, T., Hansen, M. M. 2002. *Food additives in Europe 2000: Status of safety assessments of food additives presently permitted in EU*. Copenhagen: Nordic Council of Ministers. Hal: 232
- Material Safety Data Sheets for (HCl 37% (E-507, F.C.C.) Food Graderic Acid. <https://www.applichem.com/en/shop/product-detail/as/salzsaeure-37-pa-ac-s-iso/> (diakses tanggal 7 November 2017)
- Situs Resmi Pemerintah Kabupaten Tuban. Profil Kabupaten Tuban. <http://tubankab.go.id/np/profil> (diakses tanggal 8 November 2017)
- Richana, Nur. 2013. *Penggunaan Tepung Dan Pasta Dari Beberapa Varietas Ubi Jalar Sebagai Bahan Baku Mi*. J.Pascapanen 6(1) 2013: 43-53
- Manley, D. 2011. *Manley's Technology of Biscuits, Crackers and Cookies*. 4th Edition, Boca Raton: Woodhead Publishing Ltd.
- Venuste, M dan Mukantwali, C. 2014. *Conversion of Pumpkin Meal into Maillard Reaction Products with Improved Nutritional, Sensory and Bioactive Properties to Infants and Young Children*. Food Science and Technology 73 2016: 1-716.
- Converse, E. 1846. *Corn-sheller*. US Patent 4348. Page: 2.
- Watson, S.A. 1984. Corn and Sorghum Starches Production, in *Starch: Chemistry and Technology*. 2nd Ed. Edited by Whistler, R.L., Bemiller, J.N., Paschall, E.F. London : Academic Press. Page:417 – 464.
- Gopalan, R. 2009. *Inorganic Chemistry for Undergraduates*. Hyderabad: Universities Press. Page: 463.
- Singh, V. And Johnson, D. 2004. An Enzymatic Process for Corn Wet Milling, in *Starch: Chemistry and Technology*. Edited by Taylor, S.L. San Diego : Elsevier Academic Press. Page:159.
- Bonnyay, L. And Elskan, J. C. 1980. *Corn wet milling system and process for manufacturing starch* . US Patent 4207118. Page: 2.
- Blanchard, P.H. and Katz, F.R. 2006. Starch Hydrolysates, in *Food Polysaccharides and Their Applications*. 2nd Ed. Edited by Stephen, A.M., Phillips, G.O., and Williams, P.A. Boca Raton : CRC Press. Page: 119 – 145.



*Pabrik Dektrosa
Monohidrat Dari Biji Jagung Dengan Proses
Hidrolisa Enzim*

- Hobbs, L. 1984. Sweeteners from Starch: Production, Properties and Uses, in *Starch: Chemistry and Technology*. 2nd Ed. Edited by Whistler, R.L., Bemiller, J.N., Paschall, E.F. London : Academic Press. Page:797– 829.
- Uhlig, H., 1998, “*Industrial Enzymes and their Applications*”, John Wiley and Sons Inc. New York.
- Suarni dan Widowati, S. 2005. *Struktur, Komposisi, dan Nutrisi Jagung*. Bogor: Balai Besar Penelitian dan Pengembangan Pasca Panen Pertanian. Page :410–426.
- Yulianto, A., Gumbira-said, E., Sunarti, T. C., Hariyanto, B. 2013. *Proses Penyiapan Grits Jagung Untuk Produksi Tepung Jagung*. Jakarta : Jurnal Teknologi Industri Pertanian 23 (2):94-108.
- Hossain, A. 2004. *Starch Manufacturing Process*. Bhubaneswar : Kiiit University. Page : 14 – 15.
- Badan Standardisasi Nasional. 1998. *Jagung Bahan Baku Pakan*. SNI 4483-1998. Jakarta: BSN. Page: 1
- Maroulis, Z. B. Dan Saravacos, G.D. 2003. *Food Process Design*. New York: Marcel Dekker. Page: 489
- Geankopolis, C. J, 2003, *Transport Process and Unit Operations*, 4th edition, New Jersey: Pearson Education Inc. Page: 963.
- Olempska-Beer, Z., 2004, *Alpha-Amylase From Bacillus Licheniformis Containing A Genetically Engineered Alphaamylase Gene From B. Licheniformis (Thermostable)*, 61st JECFA (density alpha amilase)
- Olafusi, O., and Olatuge, F.E. 2015. *Strength Properties of Corn Cob Ash Concrete*. Ibadan: Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS) 3 (2): 297-301.
- Singh, V. And Eckhoff, S. R., 2001. *Process For Recovery Of Corn Coarse Fiber (Pericarp)*. US Patent 6254914.
- Hugot, E. 1986. *Handbook of Cane Sugar Engineering*, 3rd Edititon, Amsterdam: Elsevier Science Publishers.
- Chen, C. P. J. And Chou, C. C. 1993. *Cane Sugar Handbook*. New York: John Willey & Sons.



*Pabrik Dekstrosa
Monohidrat Dari Biji Jagung Dengan Proses
Hidrolisa Enzim*

- Faith, Keyes and Clark's ,1975. *Industrial Chemical*. New Jersey: A willey – Interscience Publication.
- Perry, R. and Chilton, C. H, 1997 “*Chemical Engineers Hand Book*”, 7th edition, New York: McGraw-Hill International Book.
- Othmer, K., 1960, *Encyclopedia of Chemical Technology*, 2nd edition, vol.3, New York: John Wiley & Sons
- Wallas, S. M., 1990. *Chemical Process Equipment Selection and Design*. Washington: Butterworth-Heinemann.
- Perry, R. and Chilton, C. H, 1997.*Chemical Engineers Hand Book*, 7th edition, New York: McGraw-Hill International Book.
- Perry, R. and Chilton, C. H, 1984.*Chemical Engineers Hand Book*”, 6th edition, New York: McGraw-Hill International Book.
- Svarovsky,Ladislav, 1950,*Solid Liquid Separation*, 3th edition, Butterworth-Heinemann New York, Toronto , London.
- Dobrogowska, C., and Hepler, L.G. 1983. *Calorimetric Determination of the Standard Fnthalpy of the First Ionization of Aqueous Sulfur Dioxide or 'Sulfurous Acid' at 25°C*. I Jouraal of Solution Chemistry 12 (3): 153-160.
- Levenspiel, Octave, 1972, *Chemical Reaction Engineering*, 2 nd ed., John Willey and Sons Inc., Singapore.
- Kusnarjo. 2010. *Desain Alat Pemindah Panas*. Surabaya:ITS Press.
- Kusnarjo. 2010. *Desain Bejana Bertekanan*. Surabaya:ITS Press.
- Himmelblau, D.M . 1989 . *Basic Principles and Calculations in Chemical Engineering*, 5^{ed} . Singapore: Prentice-Hall International.
- Van Ness, S. 1987. *Introduction to Chemical Engineering Thermodynamics 4th Edition*. Singapore: Mc. Graw-Hill.
- Maroulis, Z. B. And Saravacos, G. D. 2003. *Food Process Design*. New York: Taylor & Francis Group.
- Geankoplis, C. J, 2003, *Transport Process and Unit Operations*, 4th edition, New Jersey: Pearson Education Inc. Page: 963.



*Pabrik Dekstrosa
Monohidrat Dari Biji Jagung Dengan Proses
Hidrolisa Enzim*

- Uhlig, H., 1998, *Industrial Enzymes and their Applications*, John Wiley and Sons Inc. New York.
- Hougen & Watson, 1954. *Chemical Process Principles*, 2nd edition, Part I, New York: John Willey and Sons Inc
- Ludwig, E. E., 1999. *Applied Process Design For Chemical and Petrochemical Plants*. Vol 1. 3rd Ed. Woburn: Gulf Publishing Company
- Brownell, L.E. and Young, F.H, 1959, *Process Equipment Design*, Willet Eastern Limited, New Delhi.
- Coulson, J.M. and Richardson, J.F., 1983, *Chemical Engineering*, vol.II, Pergamon Press. Oxford.
- Kern, D.Q, 1950, *Process Heat Transfer*, 5th edition, McGraw Hill Book Company, New York, Toronto , London.
- Ulrich, G. D, 1959, *A Guide to Chemical Engineering Process Design and Economic*, John Wiley and sons Inc. New York
- Badger WL. 1955. *Introduction to Chemical Engineering*. New York : McGraw - Hill
- Kurs Dollar. <http://www.kursdollar.net/> (diakses tanggal 7 Desember 2022).
- Economic Indicators. <http://www.chemengonline.com/pci>. (diakses tanggal 7 Desember 2022).
- Brown, G. G., 1950. *Unit Operations*. New Delhi: CBS Publishers and Distributors.