



DAFTAR PUSTAKA

- Amanah, S. 1992. *Kajian pembentukan gel glukomanan dari umbi iles-iles (Amorphopallus oncophylus Pr.) hasil pengendapan glukomanan dengan menggunakan alkohol* (Skripsi). Fakultas Teknologi Pertanian, Universitas Gadjah Mada.
- Anonim¹. 1996. *Konjac Flour*. Online <http://www.fao.org> [Diakses pada tanggal 25 Juni 2015].
- Anonim². 2001. Specific Purity Criteria on Food Additives other than Colours and Sweeteners. *Official Journal of the European Communities* (1): 1-23.
- Anonim³. 2002. *Professional standard of the People's Republic of China for konjac flour*. Ministry of the People's Republic of China, China.
- Anonim⁴. 2011. *Calculating Percent Recovery & Present Yield*. Online <http://chemistry.syr.edu> [Diakses pada tanggal 25 Mei 2015].
- Backer, A. and R.C.B.D. Brink. 1968. *Flora of Java. Vol III*. Wolters Noodhof, Groningen.
- Canovas, G.V.B., Rivas, E.O, Juliano, P., and H. Yan. 2005. *Food Powders Physical Properties, Processing, and Functionality*. Kluwer Academic/Plenum Publishers, New York.
- Cengel, Y.A. 2003. *Heat Transfer Appractical Approach*, Second Edition. McGraw-Hill, Singapore.
- Chhabra, R.P. 2006. *Bubbles, Drops and Particles in Non-Newtonian Fluids, second ed.* CRC Press, Boca Raton.
- Chaisawang, M., and M. Suphantharika. 2006. Pasting and rheological properties of native and anionic tapioca starch as modified by guar gum and xanthan gum. *Food Hydrocolloids* (20): 641-649.
- Chen, H.L., Cheng, H.C., Liu, Y.J., Liu, S.Y. and Wu, W.T. 2006. Konjac acts as a natural laxative by increasing stool bulk and improving colonic ecology in healthy adults. *Nutrition* (22): 1112–1119.
- Chua, M., Chan, K., Hocking, T.J., Williams, P.A., and C.J. Perry. 2012. Methodologies for the extraction and analysis of konjac glucomannan from corms of *Amorphophallus konjac* K. Koch. *Carbohydrate Polymers* (87): 2202-2210.



Dave, V., Sheth, M., McCarthy, S. P., Ratto, J. A., and D.L. Kaplan. 1997. Liquid crystalline, rheological and thermal properties of konjac glucomannan. *Polymer* (39): 1139-1148.

Essau, K. 1965. *Plant Anatomy*. John Wiley and Sons Inc., New York.

Hunter, R.S. 1975. *Uniform color scales, in: The Measurement of Appearance*. John Willy and Sons, New York.

Heldman, D.R. 1975. *Food Process Engineering*. AVI, Westport.

Impaprasert, R. Borompichaichartkul, C., and G. Srzednicki. 2014. A New Drying Approach to Enhance Quality of Konjac Glucomannan Extracted from *Amorphophallus muelleri*. *Drying Technology* (32): 851–860.

Incropera, F.P. and D.P. Dewitt. 2011. *Introduction to Heat Transfer*, Sixth Edition. John Wiley and Sons Inc., United States of America.

Kato, K., and K. Matsuda. 1969. Studies on the chemical structure of konjac mannan. *Agricultural and Biological Chemistry* (33): 1446–1453.

Kay, D.E. 1973. *Root Crops. TPI Crop and Product Digest*, No.2. Tropical Product Institute, London.

Karim, A. A., Chang, Y. P., Norziah, M. H., Ariffin, F., Nadiha, M. Z., and C.C. Seow. 2005. Exothermic events on heating of semi-dilute konjac glucomannan water systems. *Carbohydrate Polymers* (61): 368-373.

Koroskenyi, B. And S.P. McCarthy. 2001. Synthesis of acetylated konjac glucomannan and effect of degree of acetylation on water absorbency. *Biomacromolecules* (2): 824–826.

Ling, Z. 2014. Kinetics of Phase Growth: single-component or composition-invariant transformation. The University of Utah, Salt Lake City.

Maeda, M., Shimahara, H., and N. Sugiyama. 1980. Detailed examination of the branched structure of konjac glucomannan. *Agricultural and Biological Chemistry* (44) 245–252.

Maekaji, K. 1978. Determination of acidic component of konjac mannan. *Agricultural and Biological Chemistry* (42): 177–178.

Mitschka, P. 1982. Simple conversion of Brookfield R.V.T. readings into viscosity functions. *Rheologica Acta* (21): 207-209.



Mohsenin, N.N. 1980. *Thermal Properties of Foods and Agricultural Materials*. Gordon and Breach, New York.

Ohashi, S., Shelso, G. J., Moirano, A. L., and Drinkwater W. L. 2000. *Clarified konjac glucomannan*. United States patent, number 6,162,906.

Ohtsuki, T. 1968. Studies on Reserve Carbohydrate of Flour Amorphophallus Species with Special Reference to Mannan. *Botanical Magazine Tokyo* (81): 119-126.

Parry, J. 2010. Konjac glucomannan. In A. Imeson (Ed.), *Food stabilisers, thickeners and gelling agents*. Blackwell Publishing Ltd., Singapore.

Purich, D.L. and R.D. Allison. 2000. *Handbook of Biochemical Kinetics*. Academic Press, Florida,

Rao, M.A., Rizvi, S.S.H., and A.K. Datta. 2005. *Engineering Properties of Foods*, Third Edition. Taylor & Francis Group, United States of America.

Rao, M.A. 2007. *Rheology of Fluid and Semisolid Foods Principles and Applications*, Second Edition. Springer Science+Business Media, LLC., United States of America.

Steffe, J.F. 1996. *Rheological Methods in Food Process Engineering*, Second Edition. Freeman, East Lansing.

Subandiyah, S. 2014. *Budidaya Porang Sesuai GAP (Good Agricultural Practise)* (Presentasi Pelatihan). Fakultas Pertanian, Universitas Gadjah Mada.

Sufiani, S. 1993. *Iles-iles (Amorphophallus); Jenis, Syarat tumbuh, Budidaya, dan Standar Mutu Eksportnya*. Balai Penelitian Tanaman Rempah dan Obat.

Sahin, S. and G.S. Sumnu. 2006. *Physical Properties of Foods*. Springer Science+Business Media, LLC., United States of America.

Santosa, E. 2014. Pengembangan Tanaman Iles-iles Tumpangsari Untuk Kesejahteraan Petani dan Kemandirian Industri Pangan Nasional. *Risalah Kebijakan Pertanian dan Lingkungan* (1) : 73-79.

Sweat, V.E. 1995. Thermal properties of foods. In M. A. Rao & S. S. H. Rizvi (Eds.), *Engineering Properties of Foods*, 2nd edition. Marcel Dekker, New York.

Takahashi, R., Kusakabe, I., Kusama, S., Sakurai, Y., Murakami, K., Maekawa, A. and Suzuki, T. 1984. Studies on the mannanase of Streptomyces. Part IV. Structures of glucomanno-oligosaccharides from the hydrolytic



products of konjac glucomannan produced by a β -mannanase from *Streptomyces* sp. *Agricultural and biological Chemistry* (48): 2943–2950.

Takigami, S. 2000. Konjac mannan. In G. O. Phillips, and P. A. Williams (Eds.), *Handbook of hydrocolloids*. Woodhead Publishing Limited, New York.

Taritat, O. and S. Charoenrein. 2011. Physicochemical properties of konjac glucomannan extracted from konjac flour by a simple centrifugation process. *LWT - Food Science and Technology* (44): 2059 – 2063.

van Boekel, M.A.J.S, 2009. *Kinetic Modeling in Reactions of Foods*. Taylor & Francis Group, United States of America.

Vuksan, V., Sievenpiper, J.L., Owen, R., Swilley, J.A., Spadafora, P., Jenkins, D.J., Vidgen, E., Brighenti, F., Josse, R.G., Leiter, L.A., Xu, Z. and Novokmet, R. 2000. Beneficial effect of viscous dietary fibre from konjac mannan in subjects with the insulin resistance syndrome: results of a controlled metabolic trial. *Diabetes Care* (23): 9–14.

Zhang, Y.Q. , Xie, B.J. and Xin, G. 2005. Advance in The Application of Konjac Glucomannan and Its Derivatives. *Carbohydrate Polymers* (60): 27-31.

Zhong, M.L. Oostrom, T.W. Wietsma, M.A. and J. Contam. 2008. Covert, Enhanced remedial amendment delivery through fluid viscosity modifications: experiments and numerical simulations. *Hydrol.* (101) : 29–41.