

## DAFTAR PUSTAKA

- Afoakwa, E.O., A. Paterson., M. Fowler., and J. Vieira. 2008a. *Modelling tempering behaviour of dark chocolates from varying particle size distribution and Fat Content using Response surface methodology*. Innovative Food Science and Emerging Technologies.
- Afoakwa, E.O., A. Peterson; M. Fowler and J. Vieira. 2008b. *Effects of tempering and fat crystallization behaviour on microstructure, mechanical properties and appearance in dark chocolate systems*. Journal of Food Engineering. 128 – 136.
- Afoakwa, E.O.; A. Peterson; M. Fowler and J. Vieira. 2009. *Fat Bloom Development and Structure – appearance Relationship During storage of Under- tempered Dark chocolates*. J. of Food Engineering 91, 571 – 581.
- Afoakwa, E. 2010. *Chocolate Science and Technology*. UK: Wiley Blackwell Oxford.
- Afoakwa, E. 2016. *Chocolate Science and Technology 2nd Edition*. John Wiley dan Sons.
- Alamprese, C., Datei, L., dan Sameraro, Q. 2007. *Optimization of Processing Parameters of a Ball Mill Refiner for Chocolate*. Journal of Food Engineering 83, 629-636
- AOAC, 1995. *Official Methods of Analysis of the Association of Official Analytical Chemist*, Washington.
- Beckett, S.T., 2000. *The Science of Chocolate*. London: Royal Society of Chemistry.
- Beckett, S.T., 2008. *The Science of Chocolate second edition*. Cambridge: The Royal Society of Chemistry.
- Beckett, S.T., 2009. *Industrial Chocolate Manufacture and Use : Fourth edition*. UK: Blackwell Publishing Ltd. ISBN:978-1-405-13949-6.
- Bell, A., Gordon, M. H., Jirasubkunakorn, W., & Smith, K. W. (2007). Effects of composition on fat rheology and crystallisation. *Food Chemistry*, 101, 799–805.
- Bintoro N., Karyadi J. N. W., Rahayoe S., Saputro A. D. 2019. *Kinetika Perubahan Sifat Fisik dan Kadar Tanin Biji Sorgum (Sorghum Bicolor L.) Selama Perendaman*. Jurnal Agritech, 39 (3), 222-233
- Bourne, M. C. 2002. *Food Texture and viscosity: Concept and Measurement*, San Diego, Academic press.
- Briones, V., Aguilera, J. M., & Brown, C. 2006. *Effect of surface topography on color and gloss of chocolate samples*. *Journal of Food Engineering* , 776-783.
- Fraenkel, Jack R. and Wallen, Norman E. 2009. *How to Design and Evaluate Research in Education. 7th Edition*. New York: McGraw-Hill Companies, Inc.
- Gere dan Timoshenko, 2000. *Mekanika Bahan Jilid 1 Edisi Keempat*. Jakarta: Erlanga.

- Ghozali, Imam. 2006. *Analisis Multivariate Lanjutan dengan Program SPSS*. Semarang: Badan Penerbit Universitas Diponegoro.
- Hartel, R. W. 2001. *Crystallization in food*. Gaithersburg, USA: Aspen Publishers Inc.
- Haryadi dan Supriyanto, 2012. *Teknologi Cokelat*. Yogyakarta: Gadjah Mada University Press.
- HunterLab. 2008. *Calorimeters vs spectrophotometer*. Technical Services Departement Hunter Associates Laboratory, Inc. Virginia.
- Hutching, J.B. 1999. *Food Color and Appearance*. Maryland: Aspen publisher Inc.
- Ilnianiati, A. dan Putro, B.E. 2019. *Analisis Komponen Utama Faktor-Faktor Pendahulu (Antecedents) Berbagai Pengetahuan Pada Usaha Mikro, Kecil, Dan Menengah (UMKM) di Indonesia*. Jurnal Teknologi, Vol. 11, No. 1, pp. 67-78.
- Indarti, E., Arpi, N., dan Budijanto, S. 2013. *Kajian Pembuatan Cokelat Batang dengan Metode Tempering dan Tanpa Tempering*. Vol.5:1. Aceh: Universitas Syiah Kuala.
- Jassin, E., & Y, I. 2014. *Efektifitas Kinerja Mesin Ball Mill Pada Formula Cokelat Berdasarkan Perbandingan Suhu Dan Rpm (Rotation Per Minute)*. Jurnal Galung Tropika, 116-126.
- Jinap, S., Wan Rosli, W.I., Russly, A.R and Nordin, L.M., 1998. *Effect of Roasting Time and Temperature on Volatile Component Profiles during Nib Roasting of Cocoa Beans (Theobroma cacao)*. J.Sci. Food Agric., 77:441 – 448.
- Klappa, P. 2009. *Kinetics for Bioscientist*. Ventus Publishing ApS. ISBN 978-87-7681-469-4
- Kleinert, J. 1965. *The Relationship Between Temper and Cocoa Butter Constants*. Rev Int Choc. Hlm.42 – 57.
- Lonchamp, P and Richard W. Hartel. 2006. *Surface Bloom in Improperly Tempered Chocolate*. Madison, USA : Department of Food Science, University of Wisconsin-Madison.
- Maharani D. M., Bintoro N., Rahardjo B. 2012. *Kinetika Perubahan Ketengikan (Rancidity) Kacang Goreng Selama Proses Penyimpanan*. Jurnal Agritech, Vol. 32, No. 1.
- Minifie, B. W. 1982. *Chocolate, Cocoa, and Confectionary: Science and Technology*. Second Edition. Westport, Connecticut : AVI Publishing Co, Inc.
- Minifie, B. W. 1989. *Chocolate, Cocoa and Confectionary-Science and Technology*. London: Chapman dan Hall.
- Mulato, S., Widiotomo, S., dan Handaka., 2002. *Desain Teknologi Pengolahan Pasta, Lemak, dan Bubuk Cokelat untuk Kelompok Tani dalam Nur, Z.* 2012. *Studi Pembuatan Permen Cokelat (Chocolate Candy) Berbasis Gula Berkalori Rendah*. Makasar : Unhas. Hlm 4 – 24.
- Murnawan dan A. F. Siddiq. 2012. *Sistem Pendukung Keputusan Menggunakan Metode Technique for Order by Similarity to Ideal Solution (TOPSIS)*. Jurnal Sistem Informatika. Vol. 4, No. 1, April 2012. pp. 398-412.

- Plantz, P.E. 2009. *Measuring Cocoa, Chocolate Liquor and Products Using Microtrac Laser Diffraction Analyzers*. Microtac, Inc. : SL-AN-33 Revision A.
- Popov-Raljiü, J. V., & Lalipiü-Petronijeviü, J. G. (2009). *Sensory Properties and Color Measurements of Dietary Chocolates with Different Compositions During Storage for Up to 360 Days*. Sensors, 1996 - 2016.
- Santosa, B. 2007. *Data Mining Teknik Pemanfaatan Data untuk Keperluan Bisnis*. Yogyakarta: Graha Ilmu.
- Saputro, A. D., Walle, D. V., Aidoo, R. P., Mensah, M. A., Delbaere, C., & Clercq, N. D. 2016. *Quality attributes of dark chocolates formulated with palm sap-based sugar as nutritious and natural alternative sweetener*. Eur Food Res Technol, 177-191
- Saputro, A.D., Van De Walle., Hinneh, M., Van Durme, J., Dewettinck, K. 2017. *Aroma Profile and Apperance of Dark Chocolate Formulated With Palm Sugar-sucrose Blends*.
- Sugiyono dan TR.Muchtadi. 1992. *Ilmu Pengetahuan Bahan Pangan*. Bogor : PAU IPB.
- Susanto, F. X. Ir. 1994. *Tanaman Kakao (Budidaya dan Pengolahan Hasil)*. Yogyakarta: Kanisius
- Talbot, G., 1999. *Chocolate temper* dalam Beckett, S.T., *Industrial Chocolate Manufacture and Use*, third edition. Oxford : Blackwell Science. Hlm.218 – 230.
- Tan, J., & Balasubramanian, B. M. 2017. *Particle size measurements and scanning electron microscopy (SEM ) of cocoa particles re fi ned/conched by conical and cylindrical roller stone melangers*. Journal of Food Engineering, 145- 153.
- Wahyudi, T., Pujiyanto, dan T. R. Panggabean, 2008. *Panduan Lengkap Kakao*. Jakarta: Penebar Swadaya.
- Winarno, F.G. 1992. *Pangan, Gizi, Teknologi dan Konsumen*. Jakarta: PT. Gramedia Utama.
- Windhab, E.J., (2009). *Tempering in: Beckett S. T. , Industrial chocolate manufacture and use. 2nd Edition*.