

## DAFTAR PUSTAKA

- Abdullah, E. C. & Geldart, D. 1999. The Use of Bulk Density Measurement as Flowability Indicators. *Powder Technology*: 151-165.
- Acosta, R., Ortíz de Bertorelli, L., Graziani de Fariñas, L., Parra, P. & Trujillo de Leal, A in Alvarez C. 2001. Fat Crystallization in Chocolate. *Food Science and Technology: Chocolate Cocoa By Product Technologi, Rheology, Styling and Nutrition*: 77-96.
- Afoakwa, E. O., Peterson A., Fowler M., & Joselio V. 2008. Microstructure and Mechanical Properties Related to Particle Size Distribution and Composition in Dark Chocolate. *International Journal of Food Science and Technology*.
- Afoakwa, E. O. 2010. *Chocolate Science and Technology*. York, U.K: A John Wiley & Sons, Ltd., Publication.
- Afoakwa, E. O. 2016. *Chocolate Science and Technology 2nd Edition*. York, U.K: A John Wiley & Sons, Ltd., Publication.
- Aidoo, R., Depypere, F., Afoakwa, E., & Dewettinck, K. 2013. Industrial manufacture of sugar free chocolate-Applicability of alternative sweeteners and carbohydrate polymers as raw materials in product development. *Trends in Food Science and Technology* 102: 84-96.
- Awua, P. 2002. *Cocoa Processing and Chocolate Manufacture in Ghana: The Success Story that Demolished a myth*. UK: Saffron Walden.
- Badan Statistik Kakao. 2017. *Statistik Kakao Indonesia 2017*. Jakarta: Badan Pusat Statistik.
- Beckett, S. 1999. *Industrial Chocolate Manufacture and Use 3rd Edition*. UK: Wiley Blackwell Oxford.
- Beckett, T.S., 2000. *The Science of Chocolate*. London : Royal Society of Chemistry.
- Beckett, T.S. 2008. *The Science of Chocolate. Second Edition*. York, United Kingdom: Formerly Nestle Product Technology Center.
- Beckett, S. (2009). *Industrial Chocolate Manufacture and Use 4th Edition*. UK: Blackwell Publishing Oxford.

- Biehl, B., & Ziegler, G. 2003. Cocoa Production, Products, and Use. *Encyclopedia of Food Sciences and Nutrition* (2): 1448-1463.
- Briones, V., Aguilera, J., dan Brown, C. (2006). Effect of Surface Topography on Color and Gloss of Chocolate Samples. *Journal of Food Engineering* 77, 776-783.
- Cahyani, A. 2019. *Penerapan Melanger Skala Kecil untuk Pengolahan Cokelat Hitam (Dark Chocolate) dengan Variasi Massa serta Waktu Penghalusan Biji Kakao (Theobroma cacao L) dan Karakterisasi Produk*. Skripsi. Tidak diterbitkan. Fakultas Teknologi Pertanian. Yogyakarta: UGM.
- Departemen Perindustrian. 2007. *Gambaran Sekilas Industri Kakao*. Jakarta: Kementerian Perindustrian Republik Indonesia.
- Dozan, T., Benković, M., & Bauman, I. 2014. Sucrose particle size reduction - determination of critical particle diameters causing flowability difficulties. *Journal of Hygienic Engineering and Design* 8: 3-10.
- Greweling, P.P. 2007. *Chocolates and Confections. Formula, Theory, and Technique for the Artisan Confectioner*. The Culinary Institute of America. John Wiley and Sons, INC.
- Guerrero, J in Perez, E and Tomy J. G. 2011. Significant Quality Factors in the Chocolate Processing: Cocoa Post Harvest and In Its Manufacture. *Food Science and Technology: Chocolate Cocoa By Product Teknologi, Rheology, Styling and Nutrition*: 1-48.
- Haryadi dan Supriyanto, 2012. *Teknologi Cokelat*. Yogyakarta : Universitas Gadjah Mada.
- Jamieson, P. 2008 The sugarfree toolbox – bulk ingredients and intense sweeteners. *The Manufacturing Confectioner* 88 (11): 33–46.
- Jinap, S., Dimick, P.S., & Hollender, R. 1995. Flavour evaluation of chocolate formulated from cocoa beans from different countries. *Food Control* 6(2): 105-110.
- Kamphuis, H. 2009. *Production and Quality Standards of Cocoa Mass , Cocoa Butter and Cocoa Powder in: Beckett Beckett S.T., Industrial Chocolate Manufacture and Use.4th Edition*. Oxford, UK : Blackwell Publishing.
- Keogh, K., Twomey, M., O’Kennedy, B. and Mulvihill, D. 2002. Effect of milk composition on spray-dried high-fat milk powders and their use in chocolate. *Lait* 82: 531–539.

- Ketaren, S. 1986. *Pengantar Minyak dan Lemak Pangan*. Jakarta: Indonesia Press.
- Kurniasari, J. 2019. *Karakteristik Fisik Cokelat Hitam (Dark Chocolate) Sebagai Fungsi Metode Tempering, Holding Time Dan Waktu Pembentukan Kristal Cokelat*. Skripsi. Tidak diterbitkan. Fakultas Teknologi Pertanian. Yogyakarta: UGM.
- Laughter, J., Brown, B.B., & Anantheswaran R.C. 2012. Manufacturing Chocolate for Entrepreneurial Endeavors. In: Specialty Foods. Processing, Technology, Quality and safety. New York : Ed. Zhao Y., CRC Press, pp 157-177.
- Lipp, M., & Anklam. 1998. Review of Chocolate Butter and Alternative Fats for Use in Chocolate Part A. Compositional Data. *Journal of Food Chemistry*: 73-97.
- Meursing E. in Saputro, A. D. (1994). Structure-function relations of palm sap sugar in dark chocolate. Ghent: Faculty of Bioscience Engineering, Ghent University.
- Moreno, M. T., Torrescana, E., Salvado, J. S., & Blanch, C. 2015. Nutritional composition and fatty acids profile in cacao beans and chocolate with different geographical origin and processing conditions. *Journal of Food Chemistry*: 125-132.
- Muchtar, Hendri, and Yulia Helmi Diza. 2011. The Effect of Crude Palm Oil Stearin Addition to the Stability of Dark Chocolate. *Jurnal Litbang Industri* 1 (1): 1-7. <http://ejournal.kemenperin.go.id/jli/article/view/588>.
- Oracz, J., D. Zyzelewicz, G. Budryn and E. Nebesny. 2013. Cocoa butter alternative fats. *Plant Lipids Science, Technology, Nutritional Value and Benefits to Human Health* 37: 87-105.
- Pusat Data dan Informasi Pertanian. 2016. *Statistika Pertanian 2016*. Jakarta: Kementerian Pertanian Republik Indonesia.
- Rahayoe, Sri. 2018. *Bahan Ajar Kuliah: Kadar Air Bahan*. Diunduh dari <https://elisa.ugm.ac.id/community/teknik-pengeringan> pada tanggal 1 Desember 2018 pukul 15.20 WIB.
- Saputro, A. D. 2017. *Structure-function relations of palm sap sugar in dark chocolate*. Belgium : PhD thesis, Ghent University.
- Saputro, A. D., Walle, D. V., Kadivar, S., Sintang, M. D., Meeren, P. V., & Dewettinck, K. 2017. Investigating the rheological, microstructural and textural properties of chocolates sweetened with palm sap-based sugar by partial replacement. *Eur Food Res Technol*: 1729-1738.

- Saputro, A. D., Walle, D. V., Kadivar, S., Sintang, M. D., Meeren, P. V., & Dewettinck, K. 2018. Rheological behavior and microstructural properties of dark chocolate produced by combination of a ball mill and liquifier device as small scale chocolate production system. *LWT- Food Science and Technology*: 10-19.
- Siswoputranto, S. P. 1978. *Perkembangan Teh, Kopi, Cokelat Internasional*. Jakarta: Gramedia.
- 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.
- Vassiriki, C. and Fahri, Y. 2019. Cacao Butter and Alternatives Production. *Journal Agriculture Food Science* 34 (1): 37-50.
- Veselá, A., Barros, A.S., Synytsya, A., Delgadillo, I., Čopíková, J., & Coimbra, M.A. 2007. Infrared spectroscopy and outer product analysis for quantification of fat, nitrogen, and moisture of cocoa powder. *Analytica Chimica Acta e* 601 (1,3): 77-86.