

## DAFTAR PUSTAKA

- Afoakwa, E. O. 2010. *Chocolate Science and Technology 2nd Edition*. York, UK: A John Wiley & Sons, Ltd., Publication.
- Afoakwa, E. O., Paterson, A., & Fowler, M. 2007. Factors influencing rheological and textural qualities in chocolate - a review. *Trends in Food Science and Technology*, 18(6), 290–298.
- Afoakwa, E. O., Paterson, A., & Fowler, M. 2008a. Effects of particle size distribution and composition on rheological properties of dark chocolate. *European Food Research and Technology*, 226(6), 1259–1268.
- Afoakwa, E. O., Paterson, A., Fowler, M., & Vieira, J. 2008b. Characterization of melting properties in dark chocolates from varying particle size distribution and composition using differential scanning calorimetry. *Food Research International*, 41(7), 751–757.
- Afoakwa, E. O., Paterson, A., Fowler, M., & Vieira, J. 2008c. Modelling tempering behaviour of dark chocolates from varying particle size distribution and fat content using response surface methodology. *Innovative Food Science and Emerging Technologies*, 9(4), 527–533.
- Afoakwa, E. O., Paterson, A., Fowler, M., & Vieira, J. 2008d. Relationship between rheological, textural and melting properties of dark chocolate as influenced by particle size distribution and composition. *European Food Research and Technology*, 227(4), 1215–1223.
- Aidoo, R.P. 2014. Functionality of Inulin and Polydextrose in stevia or thaumatin sweetened dark chocolate. PhD thesis, Ghent University, Belgium.
- Aidoo R.P, Afoakwa EO, Dewettinck K. 2014. Optimization of inulin and polydextrose mixtures as sucrose replacers during sugar-free chocolate manufacture—rheological, microstructure and physical quality characteristics. *J Food Eng* 126:35–42.
- Aidoo, R. P., Afoakwa, E. O., & Dewettinck, K. 2015. Rheological properties, melting behaviours and physical quality characteristics of sugar-free chocolates processed using inulin/polydextrose bulking mixtures sweetened with stevia and thaumatin extracts. *LWT - Food Science and Technology*, 62(1), 592–597.
- Alamprese, C., Datei, L., & Semeraro, Q. 2007. Optimization of processing parameters of a ball mill refiner for chocolate. *Journal of Food Engineering*, 83(4), 629–636.
- Ali, A., Selamat, J., Che Man, Y. B., & Suria, A. M. (2001). Effect of storage temperature on texture, polymorphic structure, bloom formation and sensory attributes of filled dark chocolate. *Food Chemistry*, 72(4), 491–497.
- Beckett, Stephen T. 2009. *Industrial Chocolate Manufacture and Use*. York, UK: A John Wiley & Sons, Ltd., Publication.
- Beckett, B.; Voigt, J.; H. Heinrichs; S. Kamaruddin; G. Gaim Marsoner & A. Hugi. 1994a. In-vitro Formation of Cocoaspecific Aroma Precursors: Aroma-Related Peptides Generated from Cocoaseed Protein by Co-Operation Of An Aspartic Endoprotease and A Carboxypeptidase. *Food Chemistry*, 49, 173–180.

- Calliauw, G., Foubert, I., Greyt, W.D., Dijckmans, P. 2005. Production of Cocoa Butter Substitute via Two-Stage Fractionation of Palm Kernel Oil. *Journal of American Oil Chemist Society* 82(11):783-790.
- Cisse, V., & Yemiscioglu, F. 2019. Cacao Butter and Alternatives Production. *Çukurova J. Agric. Food Sci*, 34(1), 37–50.
- Debaste, F., Kegelaers, Y., Liégeois, S., Amor, H. Ben, & Halluin, V. 2008. Contribution to the modelling of chocolate tempering process. *Journal of Food Engineering*, 88(4), 568–575.
- Direktorat Jenderal Perkebunan. 2019. *Statistik Perkebunan Kakao Indonesia 2018-2020*. Jakarta, Indonesia: Sekretariat Direktorat Jenderal Perkebunan.
- Ezeokonkwo C. A dan W. L Dodson. 2002. The potential of terminalia catappa (tropical almond) seed as a source of dietary protein. *Journal of Food Quality* 27: 207-219
- Geron M., & Charaderian, S. 2013. Nutraceutical chocolate or compound chocolate product. Patent: US 2013/0243845 A1.
- Gunners, Kris. 2018. *7 Proven Health Benefits of Dark Chocolate*. Diakses dari <https://www.healthline.com> pada Jumat, 8 Oktober 2021.
- Hariyadi, P. 2009. High Grade Specialty Fats dari Sawit: Sky is the Limit. *Jurnal Info Sawit, December 2009*, 41–43.
- Hasibuan, H.A., dan Siahaan, D. 2012. Pengaruh Waktu Conching terhadap Mutu Produk Cokelat Berbahan Cocoa Butter Substitute. *Jurnal Penelitian Kelapa Sawit* 20(1):33-41.
- Ingggrid, M., dan Santoso. H. 2015. *Aktivitas Antioksidan dan Senyawa Bioaktif Dalam Buah Stroberi*. Bandung: Penelitian LPPM Universitas Katolik Parahyangan.
- Isyanti, M., Sudibyo, A., Supriatna, D., & Suherman, H. (2015). Penggunaan Berbagai Cocoa Butter Substitute (CBS) Hasil Hidrogenasi dalam Pembuatan Cokelat Batangan. *Warta IHP/ Journal of Agro-Based Industry*, 32(1), 33–44.
- Jahurul, M. H. A., Zaidul, I. S. M., Norulaini, N. A. N., Sahena, F., Jinap, S., Azmir, J., Sharif, K. M., & Mohd Omar, A. K. 2013. Cocoa butter fats and possibilities of substitution in food products concerning cocoa varieties, alternative sources, extraction methods, composition, and characteristics. *Journal of Food Engineering*, 117(4), 467–476.
- Karunia, Nurizaq dan Yuwono, Sudarminto. 2015. Pengaruh Proporsi Kacang Tanah dan Petis Dengan Lama Pemanasan Terhadap Karakteristik Bumbu Rujak Cingur Selama Penyimpanan. *Journal Science and Technology. Brazzaville-Congo* 1(1): 72-77.
- Khomsan, Ali. 2002. *Pangan dan Gizi untuk Kesehatan*. Jakarta, Indonesia: PT. Raja Grafindo Persada.
- Lillah, Asghar, A., Pasha, I., Murtaza, G., & Ali, M. 2017. Improving heat stability along with quality of compound dark chocolate by adding optimized cocoa butter substitute (hydrogenated palm kernel stearin) emulsion. *LWT - Food Science and Technology*, 80, 531–536.

- Lipp, M., & Anklam. 1998. Review of Chocolate Butter and Alternative Fats for Use in Chocolate Part A. Compositional Data. *Journal of Food Chemistry*, Vol 62. No 1: 73 – 97.
- Midland, A. D. 2006. The De Zaan® Cocoa Manual. *Adm Cocoa*, 1–151.
- Minifie. 1999. Chocolate, Cocoa, and Conventinary, Science and Technology. AVI. Westport. Connecticut.
- Moeljaningsih. 2011. *Pengaruh Penambahan Lesitin terhadap Kualitas Permen Cokelat Selama Penyimpanan Suhu Kamar*. Surabaya: Baristand Industri Surabaya.
- Naik, B., and Kumar, V. 2014. Cocoa Butter and It's Alternatives: a Review. *Journal of Bioresources Engineering and Technology* 2(1):1-11.
- Pathare, P.B., Opara, U.L., dan Al-Said, F.A.J. 2013. Colour Measurement and Analysis in Fresh and Processed Foods: a Review. *Food and Bioprocess Technology* 6:36-60.
- Prawira, M., & Barringer, S. A. 2009. Effects of conching time and ingredients on preference of milk chocolate. *Journal of Food Processing and Preservation*, 33(5), 571–589.
- Quiñones-Muñoz, T., Gallegos-Infante, J. A., Rocha-Guzmán, N. E., OchoaMartinez, L. A., Morales-Castro, J., González-Laredo, R. F., & MedinaTorres, L. 2011. Mixing and tempering effect on the rheological and particle size properties of dark chocolate coatings. *CYTA - Journal of Food*, 9(2), 109– 113.
- Raoufi, N., Tehrani, M. M., Farhoosh, R., & Golmohammadzadeh, S. 2012. The effects of adding water and polyglycerol polyricinoleate on the texture, appearance, and sensory qualities of compound milk chocolate. *European Journal of Lipid Science and Technology*, 114(12), 1390–1399.
- Ray, J., MacNaughtan, W., Chong, P. S., Vieira, J., & Wolf, B. 2012. The effect of limonene on the crystallization of cocoa butter. *JAOCs, Journal of the American Oil Chemists' Society*, 89(3), 437–445.
- Saputro, A. D., Van de Walle, D., Kadivar, S., Mensah, M. A., Van Durme, J., & Dewettinck, K. 2017a. Feasibility of a small-scale production system approach for palm sugar sweetened dark chocolate. *European Food Research and Technology*, 243(6), 955–967.
- Silverman, Leslie., Billings, Charles E., First, Melvin W. 1971. *Particle Size Analysis in Industrial Hygiene*. Academic Press, New York
- Siswoputranto, S. P. 1978. *Perkembangan Teh, Kopi, Cokelat Internasional*. Jakarta, Indonesia: Gramedia.
- Spencer, J.D., A.M, Gaines., E.P, Berg dan G.L, Allee. 2005. Diet Modification to Improve Finishing Pig Growth Performance and Pork Quality Attributes During Periods of Heat Stress. *Jurnal of Animal Science* 83:243-254.
- Starr. 2015. *REAL Red velvet Cake (with no food coloring or beet juice)*. Diunduh melalui [www.starr.com](http://www.starr.com) pada tanggal 09 April 2022 pukul 20.18 WIB.
- Steinberg, F. M., Bearden, M. M., & Keen, C. L. 2003. Cocoa and chocolate flavonoids: Implications for cardiovascular health. *Journal of the American Dietetic Association*, 103(2), 215–223.

- Stortz, T.A., & Marangoni, A.G. 2011. Heat Resistant Chocolate. *Trends in Food Science and Technology* 22(5):201-214.
- Sub Direktorat Statistik Tanaman Perkebunan. 2019. *Statistik Kakao Indonesia Indonesian Cocoa Statistic 2019*. Jakarta, Indonesia: Badan Pusat Statistik.
- Sukardjo. 1992. *Kimia Koordinasi*. Jakarta: PT. Rnika Cipta.
- Tabrani. 1997. *Teknologi Pemrosesan Pengemasan dan Penyimpanan Benih*. Yogyakarta: Kanisius.
- Wahyudi, T. dan Misnawi. 2008. Pengaruh Konsentrasi Stearin dan Lesitin Terhadap Sifat Fisik Permen Cokelat. *Pelita Perkebunan*. Vol:24. No.1. Hal: 49-61
- Winarno. 2004. *Kimia Pangan dan Gizi*. Jakarta: Gramedia Pustaka Utama.
- Wulandari, R. 2006. *Aneka Kreasi Coklat*. Jakarta, Indonesia: Kawan Pustaka.
- Yoon, K.P. and Hwang, C.L. 1995. *Multiple Attribute Decision Making: An Introduction*. Sage Publications. Thousand Oaks, CA
- Zaidul, I. S. M., Nik Norulaini, N. A., Mohd Omar, A. K., & Smith, R. L. 2007. Blending of supercritical carbon dioxide (SC-CO<sub>2</sub>) extracted palm kernel oil fractions and palm oil to obtain cocoa butter replacers. *Journal of Food Engineering*, 78(4), 1397–1409.
- Ziegler, G. R., Mongia, G., & Hollender, R. 2001. The role of particle size distribution of suspended solids in defining the sensory properties of milk chocolate. *International Journal of Food Properties*, 4(2), 353–370.