

DAFTAR PUTAKA

- Alyas, S.A., Aminah, A., dan Nor Aini, I. 2006. Change of β -carotene Content during Heating of Red Palm Olein. *Journal of Oil Palm Research* 18: 99-102.
- AOAC. 2005. *Determination of Protein Content In Food, Method 945.18-B in Official Methods of Analysis*. AOAC International Publisher. Gaithersburg.
- Ayustaningwarno, F. 2012. Proses Pengolahan dan Aplikasi Minyak Sawit Merah Pada Industri Pangan. *Vitasphere 2* : 1–11.
- Bouyer, E., Mekhloufi, G., Rosilio, V, Grossiord, J.L dan Agnely, F. 2012. Proteins, Polysaccharides, and Their Complexes Used as Stabilizers for Emulsions: Alternatives to Synthetic Surfactants in The Pharmaceutical Field. *International Journal of Pharmaceutics* 436 : 359-378.
- Brummer, R. 2006. *Rheology Essentials of Cosmetic and Food Emulsions*. Springer. Berlin.
- Canfield, Louise M., Kaminsky, Rina G., Taren, D.L., Shaw, E dan Sander, J. K. 2001. Red Palm Oil in the Maternal Diet Increases Provitamin A Carotenoids in Breastmilk and Serum of The Mother-Infant Dyad. *European Journal of Nutrition* 40(1): 30–38.
- Chavan, R S., Sehrawat, R dan Mishra, V. 2016. *Milk: Processing of Milk*. Caballero, B., Finglas, P.P., dan Toldrá, F. *Encyclopedia of Food and Health*. Academic Press. Oxford.
- Chemmunique. 1980. *The HLB Systems, a Time Saving Guide to Emulsifier Selection*. ICI Americas Inc. Wilmington.
- Evans, M., Ratcliffe, I dan Williams, P. A. 2013. Emulsion Stabilisation using Polysaccharide-Protein Complexes. *Current Opinion in Colloid and Interface Science* 18(4) : 272–282.
- Failla, M. L., Huo, T dan Thakkar, S. K. 2008. In Vitro Screening of Relative Bioaccessibility of Carotenoids from Foods. *Asia Pacific Journal of Clinical Nutrition*, 17 : 200–203.
- Joint FAO/WHO Codex Alimentarius Commission. 2011. *Milk and Milk Products 2nd ed.* Codex Alimentarius Commission. Roma.
- Garti, N., Amar-Yuli, I., Spernath, A dan Hoffman R.E. 2005. *Solubilization and Bioavailability of Nutraceuticals by New Self-Assembled Nanosized Liquid Structures in Food Systems*. Dickison, Eric. *Food Colloids: Interactions, Microstructure and Processing*, Royal Society of Chemistry. Great Britain.

- Genot, C., Kabri, T.H dan Meynier, A. 2013. *Stabilization of Omega-3 Oils and Enriched Foods using Emulsifiers*. Jacobsen,C., Nielsen,N.S., Horn, A.F., dan Sørensen, Ann-Dorit. M. *Food Enrichment with Omega-3 Fatty Acids*. Woodhead Publishing. Cambridge, UK.
- Ghosh, A. K dan Bandyopadhyay, P. 2012. *Polysaccharide-Protein Interactions and Their Relevance in Food Colloids*. Karunaratne, D.N. *The Complex World of Polysaccharides*. Intech Prepress. Croatia.
- Goon, D.E.,S.A. Kadir, S.H., Latip, N., A.b Rahim, S., dan Mazlan, M. 2019. Palm Oil in Lipid-Based Formulations and Drug Delivery Systems. *Biomolecules* 9 (2) : 1-19.
- Griffin, W.C. 1949. Classification of Surface-Active Agents by "HLB". *Journal of The Society of Cosmetic Chemists* 1 : 311-326.
- Gropper, S.S., Smith, J.L. dan Groff, J.L. 2009. *Advanced Nutrition and Human Metabolism* 5th ed. Wadsworth, Cengage Learning. Australia.
- Gupta, Ankur., Eral, H. B.,Hatton, T.A dan Doyle, P S. 2016. Nanoemulsions: Formation, Properties and Applications. *Soft Matter* 12(11) : 2826–2841.
- IKA. 2017. *T 25 digital ULTRA-TURRAX Disperser*. <https://www.laboratory-equipment.com/dispersers/t-25-digital-ultra-turrax-disperser-ika.php>. Diakses pada 23 Juni 2019.
- Indriani, Ririn. 2016. *Ibu Hamil Kelebihan Vitamin A, Ini Bahayanya*. <https://www.suara.com/health/2016/08/03/114537/ibu-hamil-kelebihan-vitamin-a-ini-bahayanya>. Diakses pada 20 Juni 2019.
- Jayakumar, J. 2017. *Encapsulation and Oxidation of Fat in Racombined Milk Powder*. Thesis. Food Technology. Lund University. Swedia.
- Kartika, Elsa Putri. 2018. Pengaruh Formulasi Bentuk Sediaan Emulsi dan Nanoemulsi Minyak Atsiri Daun Sirih Merah (*Piper crocatum ruiz & pav.*) terhadap Aktivitas Antibakteri Escherichia Coli ATCC 25922. Skripsi. Fakultas Farmasi. Universitas Gadjah Mada. Yogyakarta.
- Kipdiah, Siti. 2010. Pengaruh Jenis dan Konsentrasi *Emulsifier* terhadap Kestabilan dan Sifat Reologi Emulsi *Oil In Water* Minyak Sawit Merah. Skripsi. Fakultas Teknologi Pertanian IPB. Bogor.
- Kneifel, W. 2003. *Recombined and Filled Milks*. Caballero,B. *Encyclopedia of Food Sciences and Nutrition* 2nd Ed. Academic Press. London.
- Leong, T.S.H., Zhou, M., Kukan, N., Ashokkumar, M dan Martin, G.J.O.2016. Preparation of Water-in-Oil-in-Water Emulsions by Low Frequency Ultrasound using Skim Milk and Sunflower Oil. *Food Hydrocolloid* : 1-16.

- Loganathan, R., Kanthimathi M. S., Ammu K. R., Yuen-May Choo dan Kim-Tiu Teng. 2017. Health-Promoting Effects of Red Palm Oil: Evidence from Animal and Human Studies. *Nutrition Reviews* 75(2) : 98–113.
- Marino, H. 2010. Phase Inversion Temperature Emulsification : From Batch to Continuous Process. Thesis. Chemical Engineering. Bath Univesity. England.
- McClements, D. J. 2015. *Food Emulsions Principles, Practices, and Techniques*. Third Edition. CRC Press. Boca Raton.
- McCrae, C. H dan Muir, D. D. 1992. Heat Stability of Recombined Milk: Influence of Lecithins on The Heat Coagulation Time-pH Profile. *Journal of Dairy Research* 59(2): 177–185.
- Mcsweeney, S. L., Healy, R dan Mulvihill, D. M. 2008. Effect of Lecithin and Monoglycerides on The Heat Stability of a Model Infant Formula Emulsion. *Food Hydrocolloids* 22 : 888–898.
- Mikulcová, V., Hauerlandová, I dan Buňková, L. 2014. Vegetable Oil Based Emulsion in Milk. *Potravinarstvo® Scientific Journal for Food Industry* 8(1): 196–200.
- MPOC. - . *The Imbalanced Argument On Palm Oil Continue*. <http://mpoc.org.my/the-imbalanced-argument-on-palm-oil-continues>. Diakses 19 Juni 2019.
- Mukherjee, S dan Mitra, A. 2017. Health Effects of Palm Oil. *Journal of Human Ecology* 26(3) : 197–203.
- Nicoletti, R.V 2018. *O / W Emulsions Stabilized by Interactions between Proteins and Polysaccharides*. Smithers, Geoffrey. *Reference Module in Food Science*. Elsevier. Amsterdam.
- Nieuwenhuyzen, W. Van dan Szuhaj, B. F. 1998. Effects of Lecithins and Proteins on The Stability of Emulsions. *European Journal of Lipid Science and Technology* 100(7) : 282-291.
- Nursakinah, I., Ismail, A. R., Rahimi, M. Y dan Idris, A. B. 2013. *Evaluation of HLB Values of Mixed Non-Ionic Surfactants on The Stability of Oil-in-Water Emulsion System*. AIP Conference Proceedings. The 2013 UKM FST Postgraduate Colloquium. Malaysia.
- O’Sullivan, J. J. 2015. *Applications of Ultrasound for the Functional Modification of Proteins and Submicron Emulsion Fabrication*. Thesis. Chemical Engineering. University of Birmingham. Birmingham, UK.
- Oktapianda, A. R. 2015. Formulasi Minuman Susu Asam Siap Minum Menggunakan Lemak Pengganti Minyak Sawit Merah. Skripsi. Fakultas Teknologi Pertanian. Institut Pertanian Bogor. Bogor.

- Qian, C dan McClements J, D. 2011. Formation of Nanoemulsions Stabilized by Model Food-Grade Emulsifiers using High-Pressure Homogenization: Factors affecting particle size. *Food Hydrocolloids* 25(5) : 1000–1008.
- Rahmadi, A.,Agustin, S.,Rohmah, M dan Saragih, B.I. 2016. Desain Produk Suplemen Labu dan Minyak Sawit Merah untuk Pencegahan Kekurangan Vitamin A. *Indonesian Scholars Journal – Insight* : 1- 15.
- Rice, A. L dan Burns, J. B. 2010. Moving from Efficacy to Effectiveness: Red Palm Oil’s Role in Preventing Vitamin A Deficiency. *Journal of the American College of Nutrition* 29: 302S-313S.
- Rita, I. 2011. Proses Emulsifikasi dan Analisis Biaya Produksi Minuman Emulsi Minyak Sawit Merah. Thesis. Sekolah Pasca Sarjana. Institut Pertanian Bogor. Bogor.
- Singh, H dan Ye, A. 2009. *Interactions and Functionality of Milk Proteins in Food Emulsions*. Thompson, A., Boland, M., dan Singh,H. *Milk Proteins: from Expression to Food*. Academic Press. United States of America.
- Badan Standardisasi Nasional. 1995. Susu Pasteurisasi. SNI 01-3951-1995. BSN.Jakarta.
- Shyu YS dan Sung WC. 2010. Improving the Emulsions Stability of Sponge Cake by the Addition of γ -Polyglutamic Acid. *Journal of Marine Science and Technology* 18(6):895-900.
- Williams, P. A. dan Phillips, G. O. 2009. *Gum Arabic*. Williams, P. A. dan Phillips, G. O. *Handbook of Hydrocolloids* 2nd. Woodhead Publishing. Cambridge, UK.
- Yangilar, F. 2013. As a Potentially Functional Food : Goats Milk and Products. *Journal of Food and Nutrition Research*.1 (4) : 68-81.
- Yuwanti, S., Raharjo, S., Hastuti,P dan Supriyadi. 2011. Formulasi Mikroemulsi Minyak dalam Air (O/W) yang Stabil Menggunakan Kombinasi Tiga Surfaktan Non Ionik dengan Nilai HLB Rendah, Tinggi dan Sedang. *Agritech* 31 (1): 21–29.
- Zeba, A.N., Martin, M.P., Issa, S.T., dan Delisle, H.F. 2006. The Positive Impact of Red Palm Oil in School Meals on Vitamin A Status: Study in Burkina Faso. *Nutrition Journal*, 5 (17) : 1-10.