

DAFTAR PUSTAKA

- Ainuroiq, A., 2006, Pengaruh Tipe Emulsi Sederhana dan Emulsi Ganda Terhadap Pola Pelepasan Natrium Salisilat Secara In Vitro, *Tesis*, Sekolah Pasca Sarjana, Universitas Gadjah Mada, Yogyakarta.
- Ali, S. M., dan Yosipovitch, G., 2013, Skin pH: From Basic Science to Basic Skin Care, *Acta Derm Venereol*, 93, 261-267.
- Anief, M., 2004, *Ilmu Meracik Obat, Teori dan Praktek*, Gadjah Mada University Press, Yogyakarta, 141.
- Anonim, 1994, *Handbook of Pharmaceutical Experiens*, 2nd Ed., American Pharmaceutical Association, The Pharmaceutical Press, London.
- Ansel, H. C., Allen, L. V., dan Popovich, N. G., 2005, *Pharmaceuticals Dosage Forms and Drug Delivery System*, Lippincott Williams dan Willems, Philadelphia, 404-405.
- Anton, N., dan Vandamme, T. F., 2011, Nano-emulsion and Micro-emulsion: Clarifications of the Critical Differences, *Pharm. Res*, 28, 978-985.
- Ariviani, S., Raharjo, S., Anggrahini, S., Naruki, S., 2015, Formulasi dan Stabilitas Mikroemulsi O/W dengan metode emulsifikasi spontan menggunakan VCO dan Minyak Sawit Sebagai Fase Minyak: Pengaruh Rasio Surfaktan-Minyak, *AGRITECH*, 35.
- Barel, A. O., Paye, M., dan Maibach, H. I., 2009, *Handbook of Cosmetic Science and Technology*, Edisi 3, Informa Healthcare USA Inc., New York.
- Batovska, D. I., Todovora, I. T., Tsvetkova, I. V., dan Najdenski, H. M., 2009, Antibacterial Study of the Medium Chain Fatty Acids and Their 1 Monoglycerides: Individual Effects and Synergistic Relationship, *Pol. J. Microbiol.*, 58, 1, 43-47.
- Ben, E. S., Suardi, M., Chalid, T.C., dan Yulianto, T., 2013, Optimasi Nanoemulsi Minyak Kelapa Sawit (Palm Oil) Menggunakan Sukrosa Monoester, *Prosiding Seminar Nasional Perkembangan Terkini Teknologi Sains Farmasi dan Klinik III*, 4-5 Oktober 2013, Fakultas Farmasi Universitas Andalas, Padang., Indonesia, 31-62.
- Bernardi, D. S., Pereiral, T. A., Maciel, N. R., Bortoloto, J., Vieral, G. S., Oliveira, G.C., Rocha-Filho, P. A., 2011, Formation and Stability of Oil -in-Water Nanoemulsions Containing Rice Bran Oil: In Vitro and In Vivo Assessments, *JNanobiotechnology*, 9,44.
- Bouchemal, K., Briancon, S., Perrier, E., dan Fessi, H., 2004, Nano-emulsion Formulation Using Spontaneous Emulsification: Solvent, Oil, and Surfactant Optimisation, *Int. J. Pharm*, 241-251.
- Devarajan, V., dan Ravichandran, V., 2011, Nanoemulsion: As Modified Drug Delivery Tool, *Int J Comprehensive Pharm*, 1-6.
- Genaro, R. A., 1990, *Rhemingtons Pharmaceutical Science*, Edisi 18, Mack Printing Company, Easton, Pennsylvania, USA, 267.
- Gupta, P. K., Pandit, J. K., Kumar, A., Swaroop, P., dan Gupta, S., 2010, Pharmaceutical Nanotechnology Novel Nanoemulsion-High Energy Emulsification Preparation, Evaluation and Application, *T. Ph. Res*, 3, 117-138.

- Hapsari, M., 2003, Kajian Pengaruh Suhu dan Kecepatan Pengadukan pada Proses Produksi Surfaktan dari Metil Ester Minyak Inti Kelapa Sawit dengan Metode Sulfonasi, *Skripsi*, FATETA IPB, Bogor.
- Haryono, A., 2009, *Pengembangan Nanoemulsi dengan Stabilizer dari Turunan Chitosan*, Diakses 24 Mei 2018 dari <http://nano.or.id>.
- Hattori, Y., Yamamoto, K., Kaita, J., Matsuda, M., dan Yamada, S., 2000, The Development of Nonchromium Catalyst for Fatty Alcohol Production, *JAACS*, 77, 12.
- Kale, S., Bhandare, S., Galkwad, M., Urunkar, V., dan Rajmane, A., 2011, Formulation and In Vitro Evaluation for Sun Protection Factor of Lutein Ester Extracted from *Tagetes Erecta*, Linn. Flower (Family-Asteraceae) Sunscreen Creams, *J. Pharm. Biol. Chem. Sci.*, 2,4,948-955.
- Kommuru, T. R., Gurley, B., Khan, M. A., dan Reddy, I. K., 2001, Self Emulsifying Drug Delivery Systems (SEDDS) of Coenzyme Q10: Formulation Development and Bioavailability Assessment, *International Journal of Pharmaceutics*, 212, 233-246.
- Lachman, L., Lieberman, Herbert, A., Kanig, dan Joseph, L., 1994, *Teori dan Praktek Industri Farmasi 1*, Edisi 3, Terjemahan dari The Theory and Practise of Industrial Pharmacy, oleh Suyatmi, Siti, UI-Press, Jakarta.
- Lawrence, M. J., dan Ress, G.D., 2000, Microemulsion based Media as Novel Drug Delivery System, *Adv. Drug Deliv. Rev*, 45, 89-121.
- Mansor, T. S. T., Che Man, Y. B., Shuhaim, M., Abdul Hafiq, M. J., dan Ku Nurul, F. K. M., 2012, Physicochemical Properties of Virgin Coconut Oil Extracted from Different Processing Methods, *Int. Food Res. J.*, 19, 3, 837-845.
- Malvern, 2012, *A Basic Guide to Particle Characterization*, Worcestershire UK, Malvern Instruments Limited.
- Mason, T. G., Graves, S. M., Wilking, J. N., dan Lin, M.Y., 2006, Extreme Emulsification: Formation and Structure of Nanoemulsions,
- Matheson, K. L., 1996, *Surfactant Raw Materials: Classification, Synthesis, and Uses*, In: Spitz, L, Edisi Soap and Detergents: A Theoretical and Practical Review, AOCS Press, Champaign, Illinois.
- McClements, D. J., 2004, *Food Emulsion Principles, Practices, and Techniques*, New York.
- Mc Clements, D. J., dan Li, Y., 2010, Structured Emulsion-based Delivery System: Controlling the Digestion and Release of Lipophilic Food Components, *Advance in Colloid and in Terface Science*, 159, 213-228.
- Mulyadi, A. F., 2011, Perancangan Unit Pengolahan *Virgin Coconut Oil* (VCO) Skala Industri Kecil: Kajian Lokasi Tanam dan Lama Waktu Tunda Kelapa Sebelum Proses, *Jurnal Teknologi Pertanian* 12, 3, 193-200.
- Opier, R. D. A., 2016, Pembuatan Virgin Coconut Oil dengan Metode Pemanasan dan Analisis Produk yang Dihasilkan, *Skripsi*, FMIPA UGM, Yogyakarta.
- Packer, L., Weber, S. U., dan Rimbach, G., 2001, Molecular Aspect of α -Tocotrienol Antioxidant Action and Cell Signaling, *J Nutr*, 131, :69-73.
- Perry, R. H., dan Green, D. W., 1990, *Perry's Chemical Engineer's Handbook*, McGraw-Hill Companies, Inc., New York.

- Poppe, L. J., Eliason, A. H., Fredericks, J. J., 1985, *APSAS – An Automated Particle Size Analysis System*, Library of Congress Cataloging in Publication Data, California.
- Rao, J., dan Mc Clements, D. J., 2011, Formation of Flavor Oil Microemulsions and Emulsion: Influence of Composition and Preparation Method, *J, Agric Food Chem*, 59, 5026-5035.
- Rieger, M. M., 2000, *Harry's Cosmetologi 8th Edition*, Chemical Publishing Co. Inc, New York.
- Rosen, M. J., 2004, *Surfactants and Interfacial Phenomena*, John Wiley and Sons, Inc., New Jersey.
- Rowe, R. C., Sheskey, P. J., dan Owen, S. C., 2006, *Handbook of Pharmaceutical Excipients*, Edisi 5, Pharmaceutical Press, London.
- Rowe, R. C., Paul, J. S., dan Marian, E. Q., 2009, *Handbook of Pharmaceutical Excipients*, Edisi 6, Pharmaceutical Press, London.
- Rusli, P. R., 2011, Pembuatan dan Karakterisasi Nanopartikel Titanium Dioksida Fasa Anatastase dengan Metode Sol Gel, *Skripsi*, FMIPA, Universitas Negeri Medan, Medan.
- Sanjeevani, N. A., dan Sukeena, M. H.F., 2013, Formulation and Characterization of Virgin Coconut Oil (VCO) Based Emulsion, *IJRSP*, 3, 1-6.
- Shah, P., Bhalodia, D., Shelat, P., 2010, Nanoemulsion: A Pharmaceutical Review, *Sys Rev Pharm*, India.
- Shakeel, F., Baboota, S., Ahuja, A., Ali, J., Aqil, M., dan Shafiq, S., 2008, Stability Evaluation of Celecoxib Nanomulsion Containing Tween 80, *Thai Journal Pharm, Sci*.
- Shilhavy, B., 2005, Virgin Coconut Oil, *Tropical Traditional Inc.*, Philipines.
- Sinko, P. J., 2011, *Martin Farmasi Fisika dan Ilmu Farmasetika* Edisi 5, diterjemahkan oleh Tim Alih Bahasa Sekolah Farmasi ITB, 706, Penerbit Buku Kedokteran EGC, Jakarta.
- Solans, C, Izquierdo, P., Nolla, J., Azemar, N., dan Garcia'Celma, M. J., 2005, Nano-emulsion, *Curr. Opin. Colloid Interface Sci.*, 120-110.
- Stephanie, 2015, Pengaruh Variasi Minyak Virgin Coconut Oil dan Medium Chain Triglycerides Oil terhadap Stabilitas Fisik Nanoemulsi Minyak Biji Delima dengan Kombinasi Surfaktan Tween 80 dan Kosurfaktan PEG 400, *Skripsi*, Fakultas Farmasi, Universitas Sanata Dharma, Yogyakarta.
- Sutarmi dan Rozaline, H., 2005, *Taklukan Penyakit Dengan VCO*, Penebar Swadaya, Jakarta.
- Sukartin, J. K., dan Sitanggang, M., 2005, *Gempur Penyakit dengan VCO*, Agro Media Pustaka, Jakarta.
- Surh, J., Decker, E.A., McClements, D. J., 2006, Influence pH and Pectin Type on Properties and Stability of Sodium-Caseinate Stabilized Oil-in-Water Emulsion, *Food Hydrocolloids*, 20, 607-618.
- Sutomo, B., dan Harlinawati, Y., 2006, *Menu Sehat VCO*, Puspa Swara, Depok.
- Thakur, A., Walia, M. K., dan Kumar, S. L. H., 2013, Nanoemulsion in Enhancement of Bioavailability of Poorly Soluble Drugs: A Review, *Pharmacophore*, 4, 15-19.