

DAFTAR PUSTAKA

- Ainurofiq, A., 2006, Pengaruh Tipe Emulsi Sederhana dan Emulsi Ganda Terhadap Pola Pelepasan Natrium Salisilat Secara *In Vitro*, *Tesis*, Pascasarjana Fakultas Farmasi Universitas Gadjah Mada Yogyakarta.
- Anonim, 2013, *Lake Pigments*, <http://centralautanpewarna.co.id/#/submenu/Lake-Pigments.html>, 15 April 2017.
- Anonim, 2016, Aluminium Lake Food Colours, <http://www.pharmorgana.de/english/products/aluminium-lake-food-colours.html>, 15 April 2017.
- Anonim, 2017, *Ponceau 4R Lake*, <http://www.lookchem.com/Ponceau-4R-Lake/>, 15 April 2017.
- Ansel, C.H., 1989, *Introduction to Pharmaceutical Dosage Forms*, 3rd ed., pp.284-346, Lea & Febiger, Philadelphia.
- Aserin, A., dan Benichou, A., 2008, Recent Developments in O/W/O Multiple Emulsions, dalam Aserin, A., 2008, *Multiple Emulsions Technology and Applications*, John Wiley & Sons, Inc., New jersey.
- Brain, K.R., Walters, A.K., Watkinso, A.C., 2002, Methods for Studying percutaneous Absorption, dalam Walters, A.K., 2002, *Dermatological and Transdermal Formulations*, Marcel Dekker Inc, New York.
- Binks, P. B., 1998, *Modern Aspects of Emulsion Science*, The Royale of Society Chemistry, Cambridge.
- Butler, H., 2000, *Poucher's Perfumes, Cosmetics and Soaps*, 10th Edition, Kluwer Academic Publishers, London.
- Chang, R.K., Raw, A., Lionberger, R., Lawrence, Y., 2013, *Generic Development of Topical Dermatologic Products : Formulation Development, Process Development, and Testing of Topical Dermatologic Products*, The AAPS Journal, Springer, 41-52.
- Dickinson, E., 2008, *Hydrocolloids as emulsifiers and emulsion stabilizers*, *Food Hydrocolloids*, 23, 1473-1482.
- Dwisari, H.S., 2012, Stabilitas Fisik dan Aktivitas Antioksidan Emulsid Ganda Tipe W/O/W Minyak Biji Jinten Hitam (*Nigella sativa* Linn.) sebagai Desiaan Nutrasetika, *Skripsi*, Universitas Indonesia Jakarta.

- Farahmand, S., Tajerzadeh H., Farboud, E.S., 2006, *Formulation and Evaluation of a Vitamin C Multiple Emulsion*, Pharmaceutical Development and Technology, 11:255–261, Taylor & Francis, Francis.
- Flaiz, L., Freire, M., Cofrades, S., Mateos, R., Weiss, J., Colmenero, F.J., Bou, R., 2016, *Comparison of Simple, Double, and Gelled Double Emulsions as Hydroxytyrosol and n-3 Fatty Acids Delivery Systems*, Food Chemistry, 213, 49-57.
- Garti, N., 1997, *Double Emulsions : Scope, Limitations and New Achievements*, Colloids and Surfaces A Physicochemical and Engineering Aspects, 123-124, 233-246.
- Garti, N., dan Aserin, A., 1996, *Double Emulsions Stabilized by Macromolecular Surfactant*, Advances in Colloid and Interface Science, 65, 37-69.
- Garti, N., dan Benichou, A., 2005, *Recent Developments in Double Emulsion for Food Application*, dalam Friberg, S.E., Larsson, K., Sjoblom, J., 2005, *Food Emulsion*, 4th Ed, Marcel Dekker, Inc, New York.
- Grossiord, J.L., Seiller, M., Silva, C.A., Obtaining multiple emulsions, in *Multiple Emulsions: Structure, Properties and Application*, dalam Friberg, S.E., Larsson, K., Sjoblom, J., 2005, *Food Emulsion*, 4th Ed, Marcel Dekker, Inc, New York.
- Harry, R.G., 1982, *Harry's Cosmeticology*, 8th Ed, 314-333, Chemical Publishing Company Inc, New York.
- Hauck W.W., Shah P.V., Shaw W.S., Ueda T.C., 2007, *Reliability and Reproducibility of Vertical Diffusion Cells for Determining Release Rates from Semisolid Dosage Forms*, Pharmaceutical Research, Vol. 24, No. 11, Springer, London.
- Higuchi, T., 1960, Physical Chemical Analysis of Percutaneous Absorption Process from Cream and Ointments, *J. Soc. Cosmet. Chem.*, **11**, 85-97.
- Isacoff, H., 1981, *Cosmetics*, dalam Cunningham, W & McKetta, J., Encyclopedia of Chemical Process and Design, Marcel Deckker Inc, New York.
- Jellinek, J.S., 1970, Formulation and Function of Cosmetic, 428-437, John Wiley & Sons Inc, USA.
- Jingyu S., 2002, *Steric Stabilization, Literature Review*, Columbus, The Ohio State University, USA.

- King, J.C., dan Barker, D.Y., 1971, Dispensing of medication, Formerly Husa's Pharmaceutical Dispensing, 7th Ed, hal 508-509, Marck Publishing Co., Easton, Pennsylvania.
- Koocheki, A., dan Kadkhodae, R., 2011, *Effect of Alyssum homolocarpum Seed Gum, Tween 80 and NaCl on Droplets Characteristics, Flow Properties and Physical Stability of Ultrasonically prepared Corn Oil-in-Water Emulsions*, Food Hydrocolloids, 25, 1149-1157.
- Lauffer, P.G.I, 1972, Lipstick, dalam Balsam, M.S., dan Sagarin, E., Cosmetics and Scince Technology, Second Edition, 365-390, John Willey & Sons Inc, London.
- Laugel C., Baillet A., Youenang M.P., Marty J.P. , Ferrier D., 1998, Oil - water - oil multiple emulsions for prolonged delivery of hydrocortisone after topical application comparison with simple emulsions, *Int J Pharm* 160 : 109 – 117, dalam Aserin, A., 2008, *Multiple Emulsions Technology and Applications*, John Wiley & Sons, Inc., New jersey.
- Lissant, K.J., 1974, *Emulsion and Emulsion Technology*, Vol 6, Marcell Dekker, INC., New York.
- Lochhead, R.Y., dan Grubber, J.V., 1999, Encyclopedia of Polymers and Thickeners for Cosmetics, dalam Goddard, E.D. & Grubber, J.V., 1999, *Principles of Polymer Science and Technology in Cosmetics and Personal Care*, Cosmetic science and technology : V. 22, Marcel Dekker, Inc, Ney York.
- Lutz, R., dan Aserin, A., 2008, Multiple Emulsions Stabilized by Biopolymer, dalam Aserin, A., Multiple Emulsion : Technology and Aplication, A John Wiley & Sons, Inc, New Jersey.
- Myers, D., 2006, *Surfactant Science and Technology*, New Jersey, John Wiley & Sons, Inc.
- Ottersta"tter, 2001, Colorants, dalam Barel, A.O., Maibach, H.I., Paye, M., 2001, *Handbook of Cosmetics Science and Technology*, Taylor & Francis Group, London.
- Parfitt, K., 1999, *Martindale the Extra Pharmacopeia*, 30th ed., p. 1032, Info access & Distribution Pte Ltd, The Pharmaceutical Press, London.
- Pal, R., 1996, *Multiple o/w/o Emlsion Rheology*, Langmuir 12, 2220-2225.
- Pal, R., 2010, *Rheology of Simple and Multiple Emulsions*, Colloids & Interface Scince, 16, 41-60.

- Poucher, W.A., 1974, *Parfumes, Cosmetics, Soap*, Volume 1, Springer, London.
- Purnamasari, S.D., 2012, Formulasi dan Uji penetrasi Natrium Diklofenak dalam Emulsi dan Mikroemulsi Menggunakan Virgin Coconut Oil (VCO) Sebagai Fase Minyak, *Skripsi*, Universitas Indonesia, Jakarta.
- Rieger, M., 1994, Emulsi, dalam H.Lachman.L., 1994, *Teori dan Praktek Farmasi Industri I* (hal. 029-1081), UI Press, Jakarta.
- Riley, P., 2000, Colouring materials used in decorative cosmetics and colour matching, dalam Butler, Hilda., 2000, *Poucher's Parfumes, Cosmetics and Soaps*, 10th Ed, Kluwer Academic Publishers, Netherlands.
- Rosen, M.R., 2005, *Delivery System Handbook for Personal Care and Cosmetic Product : Technology, Applications, and Formulations*, William Andrew Inc, New York.
- Rowe, C. R., Sheskey, J.P., Owe, S.C., 2006, *Handbook of Pharmaceutical Excipients*, 5th Ed, Pharmaceutical Press, Great Britain.
- Rowe, C.R., Sheskey, J.P., Quinn, M.E., 2009, *Handbook of Pharmaceutical Excipients*, 6th Ed, Pharmaceutical Press, Great Britain.
- Somasundaran, P., Thomas H.W., Somil C.M., Nissim G., Raymond F., 2007, *Emulsions and Their Behaviour*, dalam Rhein, D. Linda, Scholassman, M., O'Lenick, A., Somasundaran, P., 2007, *Surfactant Science Series*, Vo. 135, *Surfactants in Personal Care Products and Decorative Cosmetics*, 3rd Ed., CRC Press, Boca Ranton, hal 150-171.
- Tadros, T.F., 1992, *Future Developments in Cosmetics Formulation*, International Journal of Cosmetics Science 14, 93-111.
- Tadros, T.F., 1999, Polymeric Surfactans, dalam Goddard, E. D. & James V. G., 1999, *Principles of polymer science and technology in cosmetics and personal, Cosmetic science and technology* : vol 22, Marcel Dekker, Inc, Ney York.
- Tadros, T.F., 2013, *Emulsion Formation, Stability, and Rheology*, Edisi pertama, Wiley-VCH Verlag GmbH & Co. KGaA, New Jersey.
- Vigie, L., 1992, Emulsions multiples h/l/h: nouveaux proce'de's de fabrication et de caracte'risation, *Graduate thesis, University Paris XI*, dalam Friberg, S.E., Larsson, K., Sjoblom, J., 2005, *Food Emulsion*, 4th Ed, Marcel Dekker, Inc, Ney York.
- Voight, R, 1995, *Lehrbuch der Pharmazeutischen Technologie*, pp. 201-245, VEB Verlag Volk und Gesundheit, Berlin.



UNIVERSITAS
GADJAH MADA

**PENGARUH TIPE EMULSI MINYAK DALAM AIR (M/A) DAN EMULSI GANDA MINYAK DALAM AIR
DALAM MINYAK (M/A/M)
TERHADAP PELEPASAN ZAT WARNA PONCEAU 4R LAKE PIGMENT SERTA SIFAT FISIK
EMULSINYA**

AMILIA RISFENTRI, Prof. Dr. Marchaban, DESS., Apt. ; Rina Kuswahyuning, M.Si., Ph.D., Apt.

Universitas Gadjah Mada, 2017 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Witt, K., dan Bucks, D., 2003, Studying In Vitro Skin preparation and Drug Release to Optimize Dermatological Formulations, dalam *Pharmaceutical Technologies*, Advanstar Communication Inc, USA.