

DAFTAR PUSTAKA

- Abdou, H.M. 1989. *Dissolution, Bioavailability and Bioequivalence*. Pennsylvania: Mark Publishing Company Easton.
- AHFS. 2011. *AHFS Drug Information*. Bethesda: American Society of Health System Pharmacists.
- Anderson, Philip O., Knoben, James E., and Troutman, William G. 2002. *Handbook of Clinical Drug Data, 10th Ed*. USA: McGraw-Hill Companies, Inc.
- Ansel, C. H. 1989. *Pengantar Bentuk Sediaan Farmasi*. Edisi 4. Diterjemahkan oleh Farida Ibrahim. Jakarta: Penerbit UI Press.
- Bayari, S and Severcan, F. 2005. FTIR Study of Biodegradable biopolymers: P(3HB), P(3HB-co-4HB) and P(3HB-co-3HV). *Journal of Molecular Structure*, 744–747.
- Benita, S. 1991. *Microencapsulation, Method and Industrial Application*. New York: Marcell Dekker, Inc.
- Chauhan, B., Shimpi, S., and Paradkar, A. 2005. Preparation and Evaluation of Glibenclamide-Polyglycolized Glycerides Solid Dispersions with Silicon Dioxide by Spray Drying Technique. *European Journal of Pharmaceutical Sciences*, 26, 219-230.
- Costa. P & Lobo, J. 2000. Modelling and Comparison of Dissolution Profiles. *European Journal of Pharmaceutical Science*, 13, 123-133.
- Deasy, P. B. 1984. *Microencapsulation and Related Drug Process*. New York: Marcel Dekker, Inc.
- Departemen Kesehatan RI. 1979. *Farmakope Indonesia*. Edisi 3. Jakarta: Departemen Kesehatan Republik Indonesia.
- Departemen Kesehatan RI. 1995. *Farmakope Indonesia*. Edisi 4. Jakarta: Departemen Kesehatan Republik Indonesia.
- Departemen Kesehatan RI. 2014. *Farmakope Indonesia*. Edisi 5. Jakarta: Departemen Kesehatan Republik Indonesia.

- Dehgan, S., Aboofazeli, R., Avadi, M., and Khaksar, R. 2010. Formulation. Optimization of Nifedipine Containing Microspheres Using Factorials Design. *African Journal of Pharmacy and Pharmacology*, 4, 6, 346-354.
- Dey, S., Samal, H. B., Vaidanathan, S., Ratnakar Ch and Srikanth, M. 2013. Method Development and Validation for the Estimation of Glibenclamide in Bulk and Pharmaceutical Dosage Forms Using UV-Vis Spectrophotometric Method. *Drug Invention Today* Vol.3.Issues 5.
- Djamaan, A. 2004. Penghasilan dan pencirian P(3HB) and P(3HB-co-3HV) dari berbagai sumber karbon oleh *Erwinia sp.* USMI20, Ph.D Tesis Doktor Falsafah. Penang: Universitas Sains Malaysia.
- Fadholi, A. 2013. *Disolusi dan Pelepasan Obat in Vitro*. Yogyakarta : Pustaka Pelajar.
- Febriyenti., Ben, E. S dan Prima, T. 2013. Formulasi Mikrokapsul Glikuidon menggunakan Penyalut Etil Selulosa dengan Metode Emulsifikasi Penguapan Pelarut. *Prosiding Seminar Nasional Perkembangan Terkini Sains Farmasi dan Klinik III 2013*.
- Garcia, Y. G., Nungaray, J., Cordova, J., Reynoso, O. G., Koller, M., Atlic, A., and Braunegg, G. 2008. Biosynthesis and Characterization of Polyhydroxyalkanotes in the Polysaccharide-Degrading Marine Bacterium *Saccharophagus degradans* ATCC 43961. *J Ind Microbial Biotechnol* 35: 629-633.
- Irisapan, S. C ., Kumar, B. P., and Jayaveera, K. N. 2013. Characterization of Glibenclamide Loaded Cellulose Acetate Microparticles Prepared by an Emulsion Solvent Evaporation Method. *Journal of Pharmacy Research* 7, 766-773.
- Jyothi, N. V. N., Prasanna, P. M., Sakarkar, S. N., Prabha, K. S., Ramaiah, P. S., and Srawan, G. Y. 2010. Microencapsulation Techniques, Factors Influencing Encapsulation Efficiency. *Journal of Microencapsulation*, 27(3):187-197.
- Khamanga , S. M., Parfitt, N., Tsitsi Nyamuzhiwa, Haidula, H., and Walkerl, R.B. 2009. The Evaluation of Eudragit Microcapsules Manufactured by Solvent Evaporation Using USP Apparatus 1. *Dissolution Taechnologies*.
- Kumar, B. P., Irisappan, S. C., and Jayaveera, K. N. 2013. Formulation Development and Evaluation of Glibenclamide Loaded Eudragit RLPO

Microparticles. *International Current Pharmaceutical Journal* 2, 12:196-201

Lachman, L., H.A. Lieberman and J. L. Kanig. 1994. *Teori dan Praktek Farmasi Industri*. Edisi 2. Diterjemahkan oleh Siti Suyatmi. Jakarta: Universitas Indonesia Press.

Leeson, J.L and Cartenstencen, J.T. 1974. *Dissolution Technology*, 1st Ed. Washington: Cohitlock Press.

Nova, M. V., Goncalves, M. D.C. P., Nogueira, A. C., Herculano, L. D. S., Medina, A. N., Bazotte, R. B., and Bruschi, M. L. 2013. Formulation and Characterization of Ethylcellulose Microparticles Containing L-Alanyl- L-Glutamine Peptide. *Drug Dev Ind Pharm, Early Online*: 1–10.

Nubia, M., Ivonne, G., Dionisio, M., Victoria, G., Dolly, R., Diego, S., Juan, G., Fabio, A., Armando, E., and Dolly, M. 2007. Biosprospecting and Characterization of Poly- β -Hydroxyalkanoate (PHAs) Producing Bacteria Isolated from Colombian Sugarcane Producing Areas. *African Journal of Biotechnology* Vol. 6, 13: 1536-1543.

Obeidat, W. M and Price, J. C. 2003. Viscosity of Polymer Solution Phase and other Factors Controlling The Dissolution of Theophylline Microspheres Prepared by The Emulsion Solvent Evaporation Method. *Journal Microencapsulation* Vol. 20, 1: 57-65.

Obeidat, W. M. 2009. Microencapsulation of Pharmaceuticals Using the Emulsion Solvent Removal Methods. *Recent Patent on Drug Delivery and Formulation*. 3:178-192.

Page, W.J., Bhanthumnavin, N, and Manchak, J. 1997. Production of Poly(-hydroxybutyrate—hydroxyvalerat) Copolimer From Sugars by *Azotobacter salinestris*. *Microbial.Biotechnol*, 48:88-93.

Parameswararao K., Satynarayana M. V., Raju, T. N and Ramana, G. V. 2012. Novel Spectrophotometric Methods for The Assay of Glibenclamide in Pure and Dosage Forms. *Der Pharma Chemical*, 6:2449-2452.

Phukon, P., Saikia, J.P., and Konwar, B.K. 2011. Bioplastic P(3HB-co-3HV) from *Bacillus circulans* (MTCC 8167) and Its Biodegradation. *Colloid and Surfaces B: Biointerface* 92, 30-34.

- Rezwan, K., Chen, Q.Z., Blacker, J. J and Boccaccini, A. R. 2006. Biodegradable and Bioactive Porous Polymer/Inorganic Compositescaffolds for Bone Tissue Engineering. *Biomaterials*, 27: 3413-3431.
- Rowe, R. C., Sheskey, P. J and Quinn, M. E. 2009. *Handbook of Pharmaceutical Excipien 6th Ed.* London: Pharmaceutical Press.
- Shargel, L., Wu-Pong, S., and Yu, A. B.C.. 2012. *Biofarmasetika dan Farmakokinetika Terapan.* Edisi 5 Alih Bahasa: Fasich, Siti Sjamsiah. Surabaya: Airlangga University Press.
- Sharma, S. K and Mudhoo, A. 2011. *A Handbook of Applied Biopolymer Technology.* Royal Society of Chemistry.
- Skoog., Holler and Crouch. 1998. *Principles of Instrumental Analysis 6th Ed.* USA.
- Sutriyo, D. J., Novitasari, A. 2004. Mikroenkapsulasi Propanolol Hidroklorida Dengan Penyalut Etil Selulosa Menggunakan Metode Penguapan Pelarut. *Majalah Ilmu Kefarmasian 1*, 2: 93-101.
- Sweetman, S. C. 2009. *Martindale The Complete Drug References 36th Ed.* London: Pharmaceutical Press.
- USP 30. 2007. *The United States of Pharmacopeia XXX.* New York: State Pharmacopeia Convention Inc.
- Voigt, R. 1994. *Buku Pelajaran Teknologi Farmasi.* Edisi 5. Penerjemah Soendani, N. Yogyakarta: Gadjah Mada University Press.
- Weiss P., Lapkowski, M., LeGeros, R. Z., Bouler, J. M., Jean, A., & Daculsi, a. G. 2007. FTIR Spectroscopic Study of an Organic/mineral Composite for Bone and Dental Substitute Materials. *J Mater Sci Mater Med*, 8, 10: 621-629.