

DAFTAR PUSTAKA

- Anonim, 1979, *Farmakope Indonesia* Edisi III, Departemen Kesehatan Republik Indonesia, Jakarta.
- Anonim, 1995, *Farmakope Indonesia* Edisi IV, Departemen Kesehatan Republik Indonesia, Jakarta.
- Anonim, 2007, *The United States Pharmacopeia*, 30th Ed., The United States Pharmacopeia Convention, Inc., Rockville.
- Anonim, 2009, *The United States Pharmacopeia*, 32rd Ed., The United States Pharmacopeia Convention, Inc., Rockville.
- Anonim, 2011, *Sodium Alginate – Industrial Grade*, <http://www.irochemical.com/> (diakses 6 Juni 2015).
- Anonim, 2015, *Design Expert*, <http://en.wikipedia.org> (diakses 6 Juni 2015).
- AOAC, 2012, *Official Methods of Analysis 2012, Guidelines for Standard Method Performance Requirements*, Appendix F, p. 9.
- Ansel, H. C. 1989, *Pengantar Bentuk Sediaan Farmasi*, diterjemahkan oleh Farida Ibrahim, UI-Press, Jakarta.
- Ansel, H.C., Allen, L.V., & Popovich, N.G. 2005, *Pharmaceutical Dosage Form and Drug Delivery System*, 9th ed., Lippincott Williams&Wilkins a Wolters Kluwer Company, Philadelphia.
- Arora, S., Ali, J., Ahuja, A., Khar, R.K. & Baboota, S. 2005, *Floating Drug Delivery System : A review*, *Apps PharmTech*. 6(3)47 : 1-19.
- Artami, D. 2011, *Optimasi Formula Sediaan Lepas Lambat Tablet Kaptopril dengan Matriks Natrium Karboksi Metilselulosa dan Avicel PH 102 Sebagai Filler*, <http://eprints.ums.ac.id/14839/> (diakses 18 Juni 2015).
- Baumgartner,S., Kristel, J., Vreer, F., Vodopivec, P. & Zorko, B. 2000, *Optimization of Floating Matrix Tablet and Evaluation of their Gastric Residence Time*, *J. Int. Pharm*, 195 : 125-135.
- Bolton, S. & Bon, C. 2004, *Pharmaceutical Statistics Practican and Clinical Applications*, 4th Ed., Marcel Dekker, Inc., New York.

- Chaerunissa, A. Y., Surahman, E., Imron, S.S. 2009, *Farmasetika Dasar*, Widya Padjajaran, Bandung.
- Collet, J. & Moreton, C. 2002, *Modified Release Per Oral Dosage Form*. In Aulton, M.E. (ed). *Pharmaceuticals The Science of Dosage Form Design*, 2nd Edition, Churchill Living Stone, Edinburg.
- Deghan, M.H.G., & Khan, F.N. 2009, *Gastroretentive Drug Delivery System : A Patent Perspective*, Inc. J. Health Res., 2(1) 23-44.
- Fassihi, A. R., & Kanfer, I. 1986, Effect of Compressibility and Powder on Tablet Weight Variation, dalam *Drug Development and Industrial Pharmacy*, Marcel Dekker Inc., New York.
- Garg, R. & Gupta, G.D. 2008, *Progress in Controlled Gastroretentive Delivery System*, Trop J Parm Res : 7(3) : 1056-1066.
- Garg, S. & Sharma, S. 2003, *Gastroretentive Drug Delivery System*, Buss. Brief. PharmTech, 160-164.
- Ghosh, S., Gosh N.S., Debnath, S., Kumar, G.G., Chark Raberty, R. & Sen, S. 2010, *Sustained Release Dosage Form of Nifedipine Hydrochloride Using Multi-unit Chitosan Treated Alginate*, IJPBS, 1(4) : 124-131.
- Hardjono, S., 2000, *Hubungan Struktur Aktivitas Obat Kardiovaskuler*, dalam Siswandono & Soehardjo, B., (Ed). *Kimia Medisinal*, Airlangga University Press, Surabaya.
- Holte, O., Onsoyen, E., Myrvold, R., Karlsen, J. 2003, Sustained Release of Water-Soluble Drug From Compressed Alginate Tablets, *European Journal of Pharmaceutical Sciences*, 20:403-407.
- Kavitha, K., Yadav, S.K. & Mani, T. 2010, *The Need of Floating Drug Delivery System : A Review Research* J. Of Pharm. Bio and Chem. Sci. Vol (1) Issue 2:396.
- Kibbe, A., 2000, *Handbook of Pharmaceutical Excipients*, 3rd ed., Pharmaceutical Press, London.
- Lachman, L., Lieberman, H. A., Kanig, J. L. 1994, *Teori dan Praktek Farmasi Industri*, Diterjemahkan oleh Siti Suyatmi, UI-Press, Jakarta.

- Liew, C.V., Chan, L.W., Ching, A.L., Heng, P.W.S. 2005, Evaluation of Sodium Alginate As Drug Release Modifier in Matrix Tablets, *International Journal of Pharmaceutics*, 309:25-37.
- Mahale, G.S. & Derle, N.D. 2012, *Floating Drug Delivery System : A Novel Approach*, *Journal of Pharmaceutical and Scientific Innovation*, 1(4): 1-6.
- Moffat, A.C., Osselton, M.D. & Widdop, B. 2011, *Clarke's Analysis of Drugs and Poisons*, 4th Ed., Pharmaceutical Press, London.
- Nafsiah, 2009, *Formulasi Sediaan Lepas Lambat Tablet Teofilin Dengan Matriks Natrium Carboxymetil Cellulose dan Avicel PH 102 dengan Metode Granulasi Basah*, <http://eprints.ums.ac.id/3365/> (diakses 18 Juni 2015).
- Novianti, L. 2009, *Profil Pelepasan In Vitro Teofilin Dalam Tablet Lepas Lambat Dengan Menggunakan Matriks Natrium Alginat Pada Berbagai Konsentrasi*, <http://repository.wima.ac.id/610/> (diakses 18 Juni 2015).
- Nurjayanti, I. 2008, *Optimasi Formula Tablet Lepas Lambat Nifedipin dengan Sistem Matriks Hidroksipropil Metilselulosa, Etil Selulosa, dan Laktosa*, *Tesis*, Sekolah Pascasarjana Universitas Gadjah Mada, Yogyakarta.
- Nurniswati, 2014, *Optimasi Formula Tablet Floating Nifedipin Menggunakan Matriks HPMC K100M dan Xanthan Gum dengan Metode Effervescent*, *Tesis*, Sekolah Pascasarjana Universitas Gadjah Mada, Yogyakarta.
- Paradkar, A. & Bakliwal, S. 2008, *Biopharmaceutics and Pharmacokinetics*, Nirali Prakashan, New Delhi.
- Prastiyo, A. 2013, *Optimasi Kombinasi Matriks Hidroksipropil Metilselulosa dan Natrium Alginat Untuk Formula Tablet Kaptopril Lepas Lambat Sistem Floating*, <http://eprints.ums.ac.id/26219/> (diakses 18 Juni 2015).
- Pujiastuti, A., 2012, *Optimasi Formula Tablet Nifedipin Gastroretentif Mukoadhesif Menggunakan Polimer Natrium CMC, HPMC K100M, dan Etil Selulosa*, *Tesis*, Sekolah Pascasarjana Universitas Gadjah Mada, Yogyakarta.

- Purnama, F. W. 2012, *Optimasi Kombinasi Matriks Hidroksipropil Metil selulosa dan Natrium Karboksi Metil Selulosa Untuk Formula Tablet Kaptopril Lepas Lambat Sistem Floating*, <http://eprints.ums.ac.id/20713/> (diakses 18 Juni 2015).
- Rahman, L., Aliyah., Lenthe, C., & Lebang, J.S., 2009, Formulasi dan Evaluasi Tablet Lepas Lambat Teofilin Yang Dibuat Dengan Sistem Mengapung dan Mengembang, *Majalah Farmasi dan Farmakologi*, vol 13 (3), 61-63.
- Rhodes, 1992, *Nifedipine-Containing Pharmaceutical Composition and Process for the Preparation Thereof*, 1-10.
- Ritschel, W.A. & Kearns, G.L. 2004, *Handbook of Basic Pharmacokinetics Including Clinical Application*, 6th ed., American Pharmacist Association, Washington DC.
- Rocca, J.G., Imidian, H., & Shah, K. 2003, *Progress in Gastroretentive Drug Delivery System*, Buss, Brief. Pharm, 152.
- Rowe, R.C., Sheskey, P.J. & Quinn, M.E. 2009, *Handbook of Pharmaceutical Excipients*, 6th ed., The Pharmaceutical Press and The American Pharmacist Association, Washington DC.
- Shah, S.H., Patel, J.K. & Patel, N.V. 2009, *Stomach Specific Floating Drug Delivery System : A Review*, Int. J. PharmTech Research, 3:623-633.
- Shaikh, K.N., Payghan, S.A. & Desouza, J.I. 2011, *Formulation of Gastroretentive Drug delivery System (Floating Tablets) of Nifedipine*, IJPBS, 1(2): 1-8.
- Shargel, L., Wu-porg, S. & Yu, A.B.C. 2004, *Applied Biopharmaceutical and Pharmacokinetics*, 5th Ed., The McGraw-Hill Companies. Inc., New York.
- Sheth, B. B., Bandelin, F. J., Shangraw, R. F. 1980, *Compressed Tablets in Pharmaceuticals Dosage Forms: Tablets*, Vol. I Lachman, L., Lieberman, H. A., (editor), Marcel Decker inc., New York.
- Sinko, P.J. & Singh, H. 2011, *Martin's Physical Pharmacy and Pharmaceutical Sciences Physical Chemical and Biopharmaceutical Principles in the Pharmaceutical Sciences*, 6th ed., Lippincott Williams&Wilkins a Wolters Kluwer Business, Philadelphia.

- Singh, B.N. & Kim, K.H. 2000, *Floating Drug Delivery System: An Approach to Oral Controlled Drug delivery Via Gastric Retention*, J. Cont. Ret., 63:235-259.
- Singh, L.P., Rajesh, K.S., Umalkar, D.G., Chauhan, V.K., Rana, V. & Vasava, K.S. 2011, *Floating Effervescent Tablet : A Review*, J. Pharm and Bio. Sci. 5(5) : 1-6.
- Siregar, C. J. P., & Wikarsa, S. 2010, *Teknologi Farmasi Sediaan Tablet*, Penerbit Buku Kedokteran EGC, Jakarta.
- Siti A., 2013, Optimasi Formula Tablet Floating Nifedipin menggunakan HPMC K15M, PVP K-30, dan Avicel PH 102 dengan Metode Simplex Lattice Design, *Tesis*, Sekolah Pascasarjana Universitas Gadjah Mada, Yogyakarta.
- Sreekanth, S.K., Palanichany, S., Sekharan, T.R., & Thirupathi, A. 2010, *Formulation and Evaluation Studies of Floating Tablet of Nifedipine*, IJPBS, 1(2): 1-8.
- Sweetman, S.C., 2009, *Martindale The Complete Drug Referens*, 36th Ed., Pharmaceutical Press, London.
- Syed, I.A., Lakshmi, N.M., Yamsani, M.R. 2011, Formulation and Characterization of Matrix and Triple-Layer matrix tablets for Controlled Delivery of Metoprolol tartrate, *International Journal of Pharmaceutical Sciences and Drug Research*.
- Vaghefi, F. & Savitzky, M. 2003, Microcapsule Matrix Microspheres, Absorption-Enhancing Pharmaceutical Compositions and Methods, <http://www.google.com/patents/US20030157326> (diakses 6 Juni 2015).
- Voigt, R. 1994, *Buku Pelajaran Teknologi Farmasi*. Edisi Kelima, diterjemahkan dari bahasa Inggris Oleh Noerono, S. Gadjah Mada University Press, Yogyakarta.
- Yunizal, 2004, *Teknologi Pengolahan Alginat*, Pusat Riset Pengolahan Produk dan Sosial Ekonomi Kelautan dan Perikanan, Jakarta.