

DAFTAR PUSTAKA

- Allen, L., 2008. *Suppositories*, Pharmaceutical Press, London.
- Allen, L.V. dan Ansel H.C., 2014. *Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems*. 10th ed, Lippincott Williams & Wilkins, United States.
- Amalia, 2007. *Penentuan Displacement Value Allopurinol dan Meloxicam dalam Suppositoria dengan Pembawa PEG 1000-4000 dan Oleum Cacao*. Tugas Akhir. Tidak diterbitkan. Surabaya: Fakultas Farmasi Universitas Surabaya.
- Amin, F., Ika Y.A., dan Indri H. Pengaruh Konsentrasi Malam Putih (Cera Alba) pada Suppositoria Basis Lemak Coklat (Oleum Cacao) Terhadap Laju Disolusi Parasetamol. *Pharmacy*, 2009, 06 (01): 11-14.
- Anonymous, 2002, National Council on Patient Information and Education (NCPPIE). *Attitudes and Beliefs About the Use of Over-the-Counter Medicines: A Dose of Reality*, (Online), (http://www.bemedwise.org/survey/final_survey.pdf, diakses 15 Maret 2017).
- Ansel, H.C., 1985. *Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems*. Lippincott Williams & Wilkins, United States.
- Bhandari K.H., Preparation, Characterization and In Vivo Evaluation of Ibuprofen Binary Solid Dispersion with Poloxamer 188. *International Journal Pharmaceutical*, 2007, 343, 228-237.
- Bolton, Sanford and Bon, Charles, 2010, *Pharmaceutical Statistics Practical and Clinical Applications*, 5th Ed., Informa Healthcare USA, Inc., New York, p. 187, 191, 402.
- Boylan J.C., 2002. *Encyclopedia of Pharmaceutical Technology*, Vol 1, 2nd Ed., Marcel Dekker Inc., New York.
- Bushra, R. dan Aslam, N. An Overview of Clinical Pharmacology of Ibuprofen. *Oman Medical Journal*, 2010, 25 (3):155-161.
- Censi R., and Martino P., Polymorph Impact on the Bioavailability and Stability of Poorly Soluble Drugs, *Molecules*. 2015, 20(10):18759-76.
- Chan, S.Y., Yin-Ying C., Xin-Zi C., Eryn Yen-Ling T., Joan Q. The Characterization and Dissolution Performances of Spray Dried Solid Dispersion of Ketoprofen in Hydrophilic Carriers, *Asian Journal Pharmaceutical Sciences*. 2015, 10: 372-385.

- Chaudhary, V.B. dan Patel J.K. Cyclodextrin Inclusion Complex to Enhance Solubility of Poorly Water Soluble Drugs: A Review. *International Journal of Pharmaceutical Sciences and Research*, 2012, 4(1): 68-69.
- Chiou, W.L., dan Riegelman, S. (1971). Pharmaceutical Applications of Solid of Solid Dispersion System. *J. Pharm. Sci.* 60(9): 1281-1302.
- Costa, P. & Lobo, J., 2011. Modeling and Comparison of Dissolution Profiles. *European Journal of Pharmaceutical Sciences*, 13, pp.123-33.
- Craig, D., 2002. The Mechanisms of Drug Release from Solid Dispersions in Water-Soluble Polymers. *International Journal of Pharmaceutics*, 231, pp.131-44.
- Depkes RI, 1995. *Farmakope Indonesia Edisi IV*, Departemen Kesehatan Republik Indonesia, Jakarta.
- Deepshika, S., Vailbhac, S. dan Anand, K. Techniques for Solubility Enhancement of Poorly Soluble Drugs: An Overview. *Journal of Medical Pharmaceutical and Allied Sciences*, 2012, 1:18-38.
- Desai, A. dan Mary L., 2007. *Gibaldi's Drug Delivery Systems in Pharmaceutical Care*, American Society of Health-System Pharmacists, Bethesda, Maryland.
- Drooge D. J. V., 2006. Combining The Incompatible: Inulin Glass Dispersions for Fast Dissolution, Stabilization and Formulation of Lipophilic Drugs, University of Groningen, p23.
- Kemenkes RI, 2014. *Farmakope Indonesia Edisi V*, Kementrian Kesehatan Republik Indonesia, Jakarta.
- Field, Andy, 2009. *Discovering Statistics Using SPSS*, 3rd ed., SAGE Publications Ltd, London, p. 148, 152, 388.
- Gad, S.C., 2008, *Pharmaceutical Manufacturing Handbook: Production and Processes*, 313-316, John Wiley & Sons, Inc., Canada.
- Gaikwad, S., Mhalaskar, R., Mahale, Y. dan Nitin, J. Review On: Solubility Enhancement of Poorly Water Soluble Drug. *Indo American Journal of Pharmaceutical Research*, 2014, 4(11):5530-5541.
- Gaur, A.S. and Gaur, S.S., 2009, *Statistical Methods for Practice and Research a Guide to Data Analysis Using SPSS*, 2nd Ed., Response, New Delhi, p. 67-68, 70-71.
- Ghosh, T.K. dan Bhaskara R.J., 2005. *Theory and Practice of Contemporary Pharmaceutics*, CRC Press, Florida.

- Halim, A., Elvi R.Y., dan Erizal Z. Peningkatan Laju Disolusi Sistem Dispersi Padat Ibuprofen-PEG 6000. *Jurnal Farmasi Higea*, 2013, 5(2):116-125.
- Handayani S., Hardinegoro S.R., Sastroasmoro S., The Efficacy of Suppository Versus Oral Ibuprofen for Reducing Fever in Children. *Paediatrica Indonesiana*, 2005, Vol.45, p. 9-10.
- Hashimoto, M., Shinichi F., Masayuki K., and Kazuhiko E., Effects of Air on Volatile Compound Contents in Resins. *Nano Biomedicine*, 2011, Vol. 3(2), p. 253-260.
- Ibrahim, S.A., El-Faham, T.H.T.S.S. & Mostafa, E.M. Formulation, Release Characteristics and Evaluation of Ibuprofen Suppositories. *International Journal of Pharmaceutics*, 1990, pp.1-7.
- Ikatan Dokter Anak Indonesia, 2006. *Konsensus Penatalaksanaan Kejang Demam*, Badan Penerbit IDAI, Jakarta.
- Inamdar N.N., dan Mourya V.K., Chitosan-Modifications and Applications: Opportunities Galore. *Reactive and Fuctional Polymers*, 2008, 68(6): 1013-1051.
- Issa, M. & Ferraz, H., 2011. Intrinsic Dissolution as a Tool for Evaluating Drug Solubility in Accordance with the Biopharmaceutics Classification System. *Dissolution Technologies*, pp.6-13.
- Kamath, V., 2016, Bliss GVS Pharma United. *The Effect of Suppsitory After Administration*, (Online), (<http://www.blissgvs.com/2016/12/26/the-effect-of-suppository-after-administration/>), diakses 15 Maret 2017).
- Katdare, A. dan Mahesh C., 2006. *Excipient Development for Pharmaceutical, Biotechnology, and Drug Delivery Systems*, CRC Press, Florida.
- Kazumi D., Tsuyoshi N., Akinobu O., Preparation and Dissolution Behavior of Ethenzamide Solid Dispersions Using Various Sugar as Dispersion Carriers. *Chem. Pharm. Bull*, 1997, 45(11): 1840-1844.
- Kumari, R., Chandel, P. dan Kapoor, A. Paramount Role of Solid Dispersion in Enhancement of Solubility. *Indo Global Journal of Pharmaceutical Sciences*, 2013, 3(1):78-89.
- Lachman, L., Lieberman, H. dan Kanig, J., 1987. *The Theory and Practice of Industrial Pharmacy*, Varghese Publishing House, Dadar Bombay.
- Langley, C.A. dan Dawn B., 2012. *Pharmaceutical Compounding and Dispensing*. 2nd ed, Pharmaceutical Press, Philadelphia.
- Lestari, N. dan Zaelani, D., 2014. *Kajian Pustaka Peningkatan Kelarutan Obat Sukar Larut dalam Air dengan Dispersi Padat*, Penerbit ITFB, Bandung.

- Lubis, I.N.D. dan Chairuddin P.L., 2011. Penanganan Demam Pada Anak. *Sari Pediatri*, 12(6), pp. 409-417.
- Marchaban, 2004. Evaluasi Pelepasan Obat dari Suppositoria Basis Lemak: Perbedaan antara Metode Disolusi Intrinsik dan Non-intrinsik. *Majalah Farmasi Indonesia*, 15(4), pp.163-68.
- Martin, A., Sinko, P. dan Singh, Y., 2011. *Physical Pharmacy and Pharmaceutical Sciences*, 6th ed, Lippincott Williams & Wilkins, Philadelphia.
- Milala, A., Pradana, A. dan Boehe, A. Karakteristik Fisik dan Displacement Value Supositoria Neomisin Sulfat berbasis PEG. *Jurnal Farmasi Indonesia*, 2013, 6(3):172-176.
- MSDS, 2009. *Materia Safety Data Sheet*. [Online] Spectrum Available at: <https://www.spectrumchemical.com/MSDS/I3002.PDF> [Diakses pada tanggal 14 Mei 2016].
- MSDS, 2016. *Materia Safety Data Sheet*. [Online] Spectrum Available at: <https://www.spectrumchemical.com/MSDS/I3002.PDF> [Diakses pada tanggal 9 April 2017].
- Muhson, A., 2010. *Teknik Analisis Kuantitatif*, Tugas Akhir. Tidak diterbitkan, Fakultas Pendidikan Ilmu Pengetahuan Sosial Universitas Negeri Yogyakarta, Yogyakarta.
- National Council on Patient Information and Education, 2002, Nonprescription Drugs Advisory Committee. Maryland.
- Nikghalb, L.A., Gurinder S., Gaurav S., dan Kahkeshan K. F. Solid Dispersion: Methods and Polymers to Increase The Solubility of Poorly Soluble Drugs. *Journal of Applied Pharmaceutical Science*, 2012, 2(10): 170-175.
- O'Neil, M.J., 2001. *The Merck Index-An Encyclopedia of Chemicals, Drugs, and Biologicals*. 13th ed, Whitehouse Station, NJ: Merck and Co., Inc., p. 876.
- Potthast, H., Dressman J.B., Junginger H.E., Midha K.K., Oeser H., Shah V.P., Vogelpoel H., Barends D.M. Biowaiver Monographs for Immediate Release Solid Oral Dosage Forms: Ibuprofen. *Journal of Pharmaceutical Sciences*, 2005, 94: 2121-2131.
- Rainsford, K.D., 2015. *Ibuprofen: Discovery, Development, and Therapeutics*, John Wiley & Sons, UK.
- Ramya D.D., Sandhya P., and Vedha B.N., Poloxamer: A Novel Functional Molecule For Drug Delivery and Gene Therapy. *Journal of Pharmaceutical Sciences and Research*. 2013. Vol.5 (8): 159-165.
- Rowe, R., Sheskey, P. & Quinn, M., 2009. *Handbook of Pharmaceutical Excipients*, Pharmaceutical Press, London.

- Savjani, K.T., Anuradha K.G., dan Jignasa K.S. Drug Solubility: Importance and Enhancement Techniques. *International Scholarly Research Network*, 2012, pp. 1-7.
- Schetty, T., Mersmann, P., Lindstadt, R. dan Heberer, T. 1-Octanol/Water Partition Coefficients of 5 Pharmaceuticals from Human Medical Care: Carbamazepine, Clofibric Acid, Diclofenac, Ibuprofen, and Propyphenazone. *Springer*, 2005, 165:3-11.
- Shargel, L., Wu-Pong, S. dan Yu, A., 2004. *Applied Biopharmaceutics and Pharmacokinetics*, 5th ed, McGraw Hill, Boston.
- Sinko, P., RPh, dan Patrick, J., 2006, *Martin's Physical Pharmacy and Pharmaceutical Sciences*, Sixth, North American Edition edition, LWW, Baltimore, MD.
- Smallman R.E. and Bishop R.J., 2002. *Modern Physical Metallurgy and Materials Engineering 6th Edition*, Linacre House, London
- Sridhar, I., Abha D., Bhagyashri J., Vandana W., Jesal D. Solid Dispersions: An Approach to Enhance Solubility of Poorly Water Soluble Drug. *Journal of Scientific and Innovative Research*, 2013, 2(3): 685-694.
- Sullivan, J.E. dan Henry C.F. Clinical Report-Fever and Antipyretic Use in Children. *American Academy of Pediatrics*, 2011, pp. 582-584.
- Sunarti, T. dan Astuti, I.Y..R.W.S. Uji Disolusi dan Penetapan Kadar Meloxicam Suppositoria X dan Meloxicam Suppositoria Y menggunakan Metode Kromatografi Cair Kinerja Tinggi (KCKT). *Pharmacy*, 2013, 10(1):81-88.
- Sutriyo, J.D., dan Indah R., 2008. Perbandingan Pelepasan Propranolol Hidroklorida dari Matriks Kitosan, Etil Selulosa, dan Hidroksipropil Metil Selulosa. *Majalah Ilmu Kefarmasian*, 2: 145-153.
- Troy, D.B. dan Paul B., 2006. *Remington: The Science and Practice of Pharmacy*. 21st ed, Lippincott Williams & Wilkins, Philadelphia.
- Vidhya, K.M., Saranya T.R. Sreelakshmy K.R., Aswathy S.N., Sreeja C.N. Pharmaceutical Solid Dispersion Technology: A Promising Tool to Enhance Oral Bioavailability. *International Research Journal of Pharmaceutical and Applied Sciences*, 2013, 3(5): 214-218.
- Vijay, K.T. dan Manju K.T., 2015. *Handbook of Polymers for Pharmaceutical Technologies, Structure and Chemistry*, 1st ed, Scrivener Publishing LLC, Canada.
- Voight, R., 1971, *Buku Pelajaran Teknologi Farmasi*, Edisi V, 558-564, 570, Gadjah Mada University Press, Yogyakarta

Watson, J., Judith A.R., dan Ian S., 2014. *Pharmaceutical Practice*, 5th ed, Churchill Livingstone Elsevier, Edinburgh.

Wong T., Stang A.S., Ganshorn H., Hartling L., Maconochie I.K., Thomsen A.M., Johnson D.W., Combined and Alternating Paracetamol and Ibuprofen Therapy For Febrile Children. *The Cochrane Database of Systematic Review*, 2013, (10):CD009572.

World Health Organization, 2014. *Revision of General Monograph: Suppositories*. World Health Organization, Switzerland, p5-6.