

## DAFTAR PUSTAKA

- Agoes, G., 2012, *Sediaan Farmasi Padat*, seri 6, 69-76, Penerbit ITB, Bandung.
- Allen, L.V., Popovich, N.G., & Ansel, H.C., 2011, *Ansel's Dossage Forms and Drug Delivery Systems*, 9<sup>th</sup> Edition, 225-256, Lippinkott Williams & Wilkins, Philadelphia.
- Alsharif, N.Z., 2010, Drug Structure and Treatment Algorithms: Treatment of Hypertension, *Currents in Pharmacy Teaching and Learning*, **2**, 52–6.
- AOAC, 2012, *Official Methods of Analysis 2012, Guidelines for Standard Method Performance Requirements*, Appendix F, 1-17, Association of Official Analytical Chemists, Maryland.
- Armstrong, N.A., & James, K.C., 1996, *Pharmaceutical Experimental Design and Interpretation*, 205-206, Taylor and Francis Ltd., London.
- Bala, R., Khanna, S., & Pawar, P., 2012, Polymers in Fast Disintegrating Tablets-A Review, *Asian J Pharm Clin Res*, **5**(2), 8-14.
- Bastos, M. de O., Friedrich, R.B., & Beck, R.C.R., 2008, Effects of Filler-Binder and Lubricants on Physicochemical Properties of Tablet Obtained by Direct Compression: A 22 Factorial Design, *Lat. Am. J. Pharm.*, **27**(4), 578-583.
- Battu, S.K., Majumdar, S., Repka, M.A., & Ray, M., 2007, Formulation and Evaluation of Rapidly Disintegrating Fenoverine Tablets: Effect of Superdisintegrants, *Drug Development and Industrial Pharmacy*, **33**, 1225-1232.
- Bhowmik, D., Chiranjib, B., Krishnakanth, Pankaj, & Chandira, R.M., 2009, Fast Dissolving Tablet: An Overview, *JoCPR*, 2009, **1**(1), 163-177.
- Bolton, S., & Bon, C., 2010, *Pharmaceuticals Statistics: Practical and Clinical Application*, 5<sup>th</sup> Edition, Marcel Dekker Inc, New York, 439-446.
- Davies, P.N., dan Newton, J.M., 1996, Mechanical Strength, dalam Alderbon, G., dan Nystrom, C., 2011, *Pharmaceutical Powder and Compaction Technology*, 165-191, Marcel Dekker Inc., New York.
- Deepak, S., Dinesh, K., Mankaram, S., Gurmeet, S., & Rathore, M.S., 2012, Fast Disintegrating Tablets: A New Era in Novel Drug Delivery System and New Market Opportunities, *JDDT*, **2**(3), 74-86.

- Departemen Kesehatan RI, 2006, *Pharmaceutical Care untuk Penyakit Hipertensi*, 28, Ditjen Bina Kefarmasian dan Alat Kesehatan Departemen kesehatan, Jakarta
- Departemen Kesehatan RI, 2008<sup>a</sup>, *Pedoman Pengobatan Dasar di Puskesmas 2007*, 97-98, Departemen Kesehatan RI., Jakarta.
- Departemen Kesehatan RI, 2008<sup>b</sup>, Riset Kesehatan Dasar 2007, *Laporan Penelitian*, Badan Penelitian dan Pengembangan Kesehatan Departemen Kesehatan, Republik Indonesia, Jakarta.
- Departemen Kesehatan RI, 2014, *Farmakope Indonesia* Edisi V, 530-531, 1526, Departemen Kesehatan RI., Jakarta.
- Department of Health, 2014 <sup>a</sup>, *British Pharmacopoeia*, 1124-1125, III75, A357-A358, The Stationery Office on behalf of the Medicines and Healthcare products Regulatory Agency (MHRA), London.
- Department of Health, 2014 <sup>b</sup>, *The United States Pharmacopeia*, 37<sup>nd</sup> Ed, 1032, 3244-3248, The United States Pharmacopeial Convention, Maryland.
- Dey, P., & Maiti, S., 2010, Orodispersible tablets: A new trend in drug delivery, *Nat Sci Biol Med*, **1**(1), 2–5.
- Ermer, J, & Burgess, C, 2005, Detection and Quantitation Limit, dalam Ermer, J, dan Miller, J. H. M (Eds.), *Method Validation in Pharmaceutical Analysis. A Guide to Best Practice*, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 101,252.
- FDA, Waiver of In Vivo Bioavailability and Bioequivalence Studies for Immediate-Release Solid Oral Dosage Forms Based on a Biopharmaceutics Classification System, *U.S. Department of Health and Human Services Food and Drug Administration*, Agustus 2010.
- FMC Biopolymer, 2005, *Avicel® PH Technical Brochure*, FMC Biopolymer, Philadelphia.
- FMC Biopolymer, 2009, *Croscarmellose sodium Technical Brochure*, FMC Biopolymer, Philadelphia.
- Fu, Y., Yang, S., Jeong, S.H., Kimura, S., & Park, K., 2004, Orally Fast Disintegrating Tablet: Development, technologies, Tastemasking and clinical studies, *Critical Riview TM in Therapeutic Drug Carrier System*, **21**(6), 433-475.

- Fudholi, A., 2013, *Disolusi dan Pelepasan Obat In Vitro*, 18, 22, Pustaka Pelajar, Yogyakarta.
- Gandjar, I.G., & Rohman, A., 2007, *Kimia Farmasi Analisis*, Cetakan III, 220-268, Pustaka Pelajar, Yogyakarta.
- Gohel, M.C., 2005, A Review of Co-processed Directly Compressible Excipients, *J Pharm Pharmaceut Sci*, **8**(1), 76-93.
- Gohel, M.C., & Jogani, P.D., 2002, Functionality Testing of Multi Functional Directly Compressible Adjuvant Containing Lactose, Polyvinylpyrrolidone, and Croscarmellose Sodium, *Pharm. Technol.*, **25**, 64-82.
- Guest, R.T., 2009, Croscarmellose Sodium, dalam Rowe, R.C., Sheskey P.J., & Quin, M.E. (Eds.), 2009, *Handbook of Pharmaceutical Excipients* 6th ed., 206-208, Pharmaceuticals Press, Washington D.C.
- Gupta, A.K., Mittal, A., & Jha, K.K., 2012, Fast Dissolving Tablet – A Review, *The Pharma Innovation*, **1**(1), 18.
- Guy, A., 2009, Microcrystalline Cellulose, dalam Rowe, R.C., Sheskey P.J., dan Quin, M.E. (Eds.), 2009, *Handbook of Pharmaceutical Excipients* 6th ed., 129-133, Pharmaceuticals Press, Washington D.C.
- Hirani, J.J., Rathod, D.A., & Vadalía, K.R., 2009, Orally Disintegrating Tablets: A Review, *Trop J Pharm Res*, **8**(2), 161-172.
- Kanojia, N., Kaur, L., Nagpal, M., & Bala, R., 2013, Modified Exipients in Novel Drug Delivery: Need of the Day, *Journal of Pharmaceutical Technology, Research and Management*, **I**, 81-107.
- Khan, M.A., Nazzal, S., & Zaghloul, A., 2002, Effect of Extragranular Microcrystalline Cellulose on Compaction, Surface Roughness, and In Vitro Dissolution of a Self-Nanoemulsified Solid Dosage Form of Ubiquinone, *Pharmaceutical Technology*, **65**, 86-98.
- Kumar, G. P., & Nirmala, R., 2012, Fundamental Aspects of Superdisintegrants: a Concise Review, *Journal of Global Pharma Technology*, **4**(2), 1-12.
- Kumar, S.K.P., Bhowmik, D., Chiranjib, B., Yadav, J., & Chandira, R. M., 2010, Emerging Trends of Disintegrants used in Formulation of Solid Dosage Form, *Der Pharmacia Lettre*, **2**(1), 495-504.
- Kundu, S., & Sahoo, P.K., 2008, Recent Trend In The Development of Orally Disintegrating Tablet Technology, *Pharma Times*, **40**(4), 15.

- Lachman, L., Lieberman, H.A., Kanig, J.L., 1987, *The Theory and Practice of Industrial Pharmacy*, Third Edition, 87-88, Varghese Publishing House, Bombay.
- Mangal, M., Thakral, S., Goswami, M., & Ghai, P., 2012, Superdisintegrant: An Update Review, *Int. J. Pharm. and Pharm. Sci.*, **2**(2), 26-35.
- Marais, A.F., Song, M., & Villiers, M.M., 2003, Effect of Compression Force, Humidity and Disintegrant Concentration on The Disintegration and Dissolution of Directly Compressed Furosemide Tablets using Croscarmellose Sodium as Disintegrant, *Tropical Journal of Pharmaceutical Research*, **2**(1), 125-135.
- Mattsson, S., 2000, Pharmaceutical Binders and Their Function in Directly Compressed Tablets, cit. Affandi, M., 2013, *Optimasi Formula Fast Disintegrating Tablet Natrium Diklofenak dengan Bahan Penghancur Ac-Di-Sol® dan Filler-binder Avicel PH® 102*, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- Miller, J. N., & Miller, J. C., 2005, *Statistics and Chemometrics for Analytical Chemistry*, 5<sup>th</sup> ed., 111, Pearson Education Limited, England.
- Moffat, A.C., Osselton, M.D., & Widdop, B. (Eds.), 2011, *Clarke's Analysis of Drugs and Poisons in pharmaceuticals, body fluids and postmortem material*, Fourth edition, 1493, Pharmaceutical Press, London.
- Nikam, V.K., Kotade, K.B., Gaware, V.M., Dolas, R.T., Dhamak, K.B., Somwanshi, S.B., Khadse, A.N., & Kashid, V.A., 2011, Mouth Dissolving Tablets : An Overview, *Pharmacologyonline*, **3**, 562-586.
- Panigrahi R., & Behera, S., 2010, A Review of Fast Dissolving Tablets, *Webmed Central*, **1**(9), 117.
- Prajapati, B.G., & Patel, S.N., Formulation, Evaluation & Optimization of Orally Disintegrating Tablet of Cinnazirine, *J. Sci. and Tech.*, **5**(5), 9-21.
- Priyanka, S., & Vandana, S., 2013, A Review Article On: Superdisintegrants, *Int. J. Drug Res. Tech.*, **3**(4), 76-87.
- Rojas, J., Guisao, S., & Ruge, V., 2012, Functional Assessment of Four Types of Disintegrants and their Effect on the Spironolactone Release Properties, *AAPS PharmSciTech*, **13**(4), 1054-1062.
- Sanphui, P., & Rajput, L., 2013, Tuning solubility and stability of hydrochlorothiazide co-crystals, *Acta Cryst*, **B70**, 81-90.

- Santanu, R., Hussan, S.D., Pooja, V., Devina, S., & Sonam, S., 2012, A Concise Review on Novel Aspects of Superdisintegrants, *Int. Res J Pharm. App Sci.*, **2**(6), 207-213
- Siregar, C.J.P., & Wikarsa, S., 2010, *Teknologi Farmasi Sediaan Tablet: Dasar-Dasar Praktis*, 33, 151-152, 170, 252-253, Penerbit Buku Kedokteran EGC, Jakarta
- Straka, R.J., Burkhardt, T., & Parra, D., 2008, Hypertension, dalam Chisholm-burns, M.A., Wells, B.G., Schwinghammer, T.L., Malone, P.M., Kolesar, J.M., Rotschafer, J.C., Dipiro, J.T. (Eds.), 2008, *Pharmacotherapy Principles & Practice, third edition* 18, The McGraw-Hill Companies, New York.
- Sulaiman, T.N.S., 2007, *Teknologi dan Formulasi Sediaan Tablet*, 2, 95, 149-151, 203, Pustaka Laboratorium Teknologi Farmasi Fakultas Farmasi UGM, Yogyakarta.
- Taher, P., & Sengupta, M., 2013, Fast Dissolving Tablet Technology – A Review, *World Journal of Pharmacy and Pharmaceutical Sciences*, **2**(2), 485-508.
- Thoorens, G., Krier, F., Leclercq, B., Carlin, B., & Evrad, B., 2014, Microcrystalline cellulose, a direct compression binder in a quality by design environment—A review, *International Journal of Pharmaceutics*, **473**, 64-72
- Vaghela, Bhavesh J., Rajan R. Kayatha, Nayana M. Bhatt, Nimish L.Pathak, Ajray raj H. Chudasama, & Altaf A. Darediya, 2011, Formulation and Evaluation of Fast Disintegrating Tablet of Diclofenac Sodium, *IJPRD*, **3**(6), 17-22.
- WHO, *Proposal to Waive in vivo Bioequivalence Requirements for The WHO Model List of Essential Medicines Immediate Release: Solid Oral Dosage Form Geneva*, October 2005
- Zamhir, S., 2006, Karakteristik sosiodemografi sebagai faktor resiko hipertensi studi ekologi di pulau Jawa tahun 2004 cit. Rahajeng, E. & Tuminah, S., 2009, Prevalensi Hipertensi dan Determinannya di Indonesia, *Majalah Kedokteran Indonesia*, Jakarta.
- Zimmer, L., Belniak, P., Szopa, A., & Poleszak, E., 2011, Superdisintegrants in new solid dosage forms, cit. Irawan, W., 2014, Optimasi Formula Fast Disintegrating Tablet Natrium Diklofenak Terinklusi B-Siklodekstrin dengan Superdisintegrant Crospovidone dan Filler-binder Mikrokristalin Selulosa PH 102, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.