

## DAFTAR PUSTAKA

- Abbas, A.A., Rasool, A.A., Rajab, N.A., 2014, Preparation and Comparative Evaluation Of liquisolid Copact and Solid Dispersion Of Candesartan Cilexetil, *International Journal of Pharmacy and Pharmaceutical Science*, **6**, 1-2.
- Agoes, G., 2008, *Seri Farmasi Industri : Pengembangan Sediaan Farmasi*. Edisi Revisi dan Perluasan. Bandung : ITB Press.
- Aini, N., Dian, R.S., Sari, I.O., 2015, Profil Disolusi Terbanding, Penetapan Kadar, dan Kualitas Fisik Tablet Atorvastatin Inovator, Generik Bernama Dagang, dan Generik, *Jurnal Kefarmasian Indonesia*, **5**, 2.
- Ansel, H.C., Popovich, N.G., Allen, L.V., 2011, *Pharmaceutical Dosage Formand Drug Delivery System Ninth Edition*, London, New York, 225-235.
- Aulton, M.E., 1988, *Pharmaceutics The Science of Dosage Form Design*, Educational Low-Proced Books Scheme, Hongkong, 644-645.
- Bathool, A., D. Gowda.V., Shuaib, M.K., G, H.Sihvakumar., 2012, Development and Characterization of Atorvastatin Calsium Loaded Chitosan Nanoparticels for Sustain Drug Delivery, *Advanced Materials Latters*, **3(6)**, 466-470.
- Berthomieu, C., dan Hienerwadel, R., 2009, Fourier transform infrared (FTIR) spectroscopy, *Photosynth Res*, **101**, 157–170.
- Bunaciu, A.A., Udriștioiu, E.G, dan Enein, H.Y.A., 2015, X-Ray Diffraction: Instrumentation and Applications, *Critical Reviews in Analytical Chemistry*, **(45)**, 289–299.
- Chipera, S.J., Bish, D.L., 2013, Fitting Full X-Ray Diffraction Patterns for Quantitative Analysis: A Method fo Readily Quantifying Crystalline and Disordered Phases, *Advances in Materials Physics and Chemistry*, **3**, 47-53.
- Depkes RI, 1979, *Farmakope Indonesia*, Edisi III, Departemen Kesehatan Republik Indonesia, Jakarta, 713.
- Depkes RI, 1995, *Farmakope Indonesia*, Edisi IV, Departemen Kesehatan Republik Indonesia, Jakarta, 1083-1085.
- El. Hamadi, M., Awad, N., 2011, Investigating The Use of Liquisolid Compacts Technique to Minimize The Influence of PH Variations On Loratadine Release, *AAPS PharmSciTech*, **13**.

- Food and Drug Administration (FDA), 2006, *Lipitor (Atorvastatin Calcium) Tablet*, [https://www.fda.gov/ohrms/dockets/ac/06/briefing/2006-4254b\\_16\\_02\\_KP%20Atorvastatin%20Label%20FDA%208-7-06.pdf](https://www.fda.gov/ohrms/dockets/ac/06/briefing/2006-4254b_16_02_KP%20Atorvastatin%20Label%20FDA%208-7-06.pdf) diakses pada tanggal 17 Oktober 2017
- FDA, 2013, *Guidance for industry: dissolution testing of immediate release solid oral dosage forms*, <http://www.fda.gov/downloads/Drugs/GuidanceComplianceRegulatoryInformation/Guidances/ucm070237.pdf>, diakses pada tanggal 2 Januari 2018.
- Gubbi, S.R. dan Jarag, R., 2010, Formulation and Characterization of Atorvastatin Calcium Liquid Solid Compact, *Asian Journal of Pharmaceutical Science*, **5(2)**, 50-60.
- Gozali, D., Putra, A.F.C., Sopyan, I., 2014, Karakterisasi dan Peningkatan Disolusi Kalium Atorvastatin Melalui Proses Mikrokristalisasi, *Bionatura Jurnal Ilmu Hayati dan Fisik*, **16**, 16-20.
- Gozali, D., Wardhana, Y.W., Shofa., 2015, Formulasi dan Evaluasi Tablet Dispersi Padat Kalium Atorvastatin, *Jurnal Pharmascience*, **2**, 63-70.
- Griffith, P.R. dan de Haseth, J.A., 1986, *Fourier transform infrared spectroscopy*, Wiley, New York.
- Hadisoewignyi, L., 2012, *Liquisolid : Teknik Pembuatan Tablet Untuk Bahan Obat Tidak Larut Air*, *Medicinus*, **25**, 32-37.
- Hadisoewignyo dan Fudholi, A., 2013, *Disolusi dan Pelepasan Obat In Vitro*. Pustaka Pelajar, Yogyakarta.
- Hassan, O.J., Bashir, L., Noor, S.A., Sherwani, A.K., Naz, S., Naqvi, G.R., 2015, Development of Atorvastatin 10 mg Immediate Release Film Coated Tablet by Direct Compression Process, *International Journal of Advanced Research*, **3**, 9.
- Hu, L., Gu, D., Hu, Q., Shi, Y., dan Gao, N., 2014, Investigation of Solid Dispersion of Atorvastatin Calcium in Polyethylene Glycol 6000 and Polyvinylpyrrolidone, *Tropical Journal of Pharmaceutical Research*, **13(6)**, 855-842.
- Kaur, M., Bala, R., Arora, S., 2013, Liquisolid Technology : A Review, *An International Journal of Advances in Pharmaceutical Sciences*, **4**, 1-15.
- Khan, K.A., 1975, The Concept of Dissolution Efficiency. *Journal of Pharmaceutical and Pharmacology*, **27(1)**, 48-49.

- Kibbe, A.H., 2000, *Handbook of Pharmaceutical Excipients, Third Edition*, Pharmaceutical Press London, United Kingdom dan American Pharmaceutical Association, Washington, D.C, 160, 276-278, 324.
- Kulkarni, A.S., Aloorkar, N.H., Mane, M.S., Gaja, J.B., 2010, Liquisolid System : *A Review Internatinal Journal of Pharmaceutical Science and Nanotechnology*, **3**, 795-802.
- Mackay, J., Mensah, G.A., 2004, The Atlas of Heart Disease and Stroke. Geneva WHO, 30-49
- Musiam, S., Alfian, R., 2017, Validasi Metode Spektrofotometri UV pada Analisis Penetapan Kadar Asam Mefenamat dalam Sediaan Tablet Generik, *Jurnal Ilmiah Ibnu Sina*, **2 (1)**, 31-43.
- Naveen, E., Shastri, N., Rao, R.T., 2012, Use of The Liquisolid Compact Technique for Improvement of The Dissolution Rate of Valsartan, *Acta Pharmaceutica Sinica B*, **2**, 502-508.
- Parott, E. L., 1971, *Pharmaceutical Technology Fundamental Pharmaceutics*, Third Edition, Burgers Publishing Company, Minneapolis, 120.
- Ramesh, D., and Ramakrishna,R, New Spectrophotometric Methods For Simultaneous Determination Of Amlodipin Besylate And Atorvastatin Calcium In Tablet Dosage Form, *International Research Journal of Pharmaceutical Sciences*, **4**, 1322-1331.
- Roth, G.A., Fihn, S.D., Mokdad, A.H., Aekplakorn, W., Hasegawa, T., Lim, S.S., 2010, High Total Serum Cholesterol, Medication Coverage and Therapeutic Control: an Analysis of National Health Examination Survey Data from Eight Countries, *Bulletin of the World Health Organization*, **89**, 92-101.
- Rowe, R.C., Paul, J.S., Sian, C.O., 2006, *Handbook of Pharmaceutical Excipients Fifth Edition*, Pharmaceutical Press London, Unitidet Kingdom dan American Pharmaceutical Association, Washington, D.C, 132, 188.
- Sanjay, P.T., Deepak, M., Bhanudas, R., 2013, Liquisolid Technology: Technique For Formulation with Enhanced Bioavailability, *World Journal of Pharmacy and Pharmeceutical Sciences.*, **3**, 368-387.
- Siregar, C., 2010, *Teknologi Farmasi Sediaan Tablet Dasar-dasar Praktisi*, Jakarta, Penerbit Buku Kedokteran EGC, 90, 98-110.
- Sudi, D., 2016, Formulasi Sediaan Tablet Likuisolid Glibenklamid dengan Pelarut Propilenglikol dengan Amrotab sebagai Carrier Material, *Skripsi*, Universitas Sanata Dharma, Yogyakarta.

- Sudjadi, 2007, *Kimia Farmasi Dasar*, Pustaka Pelajar, Yogyakarta.
- Sudjana, 1991, *Desain dan Analisis Eksperimen*, Tarsito, Bandung.
- Sulaiman, T.N.S., 2007, *Teknologi dan Formulasi Sediaan Tablet Cetakan Pertama*, Mitra Communications Indonesia, Yogyakarta.
- Soekemi, A.R., 1987, *Tablet*, PT. Mayang Kencana, Medan, Universitas Sumatera Utara
- United States Pharmacopeia Convention, 2014, *The United States Pharmacopeia*, 28 th edition, United States Pharmacopeia Conventon Inc, Rockville, 3161 – 3163.
- Vardhan, V., 2016, Role of Atorvastatin on Cholesterol, *Research and Reviews: Journal of Pharmacology and Toxicological Studies*, **4**, 2
- Vranikova, B., 2013, Lquisolid systems and aspects influencing their research and development, *Acta Pharmaceutica*, **63**, 447–465.
- Vranikova, B., Gajdziok, J., dan Vetchy, D., 2015, Modern Evaluation of Lquisolid System with Varying Amounts of Liquid Phase Prepared Using Two Different Methods, *BioMed Research International.*, **3**, 1-2.
- Voigt, R., 1984, *Buku Pelajaran Telnologi Farmasi*, diterjemahkan oleh Soendani Noerono Soewandhi, Gajah Mada University Press, Yogyakarta, 312-314.
- Yadav, V. B. dan Yadav, A.V., 2009, Lquisolid Granulation Technique For Tablet Manufacturing Overview, *Journal of Pharmacy Research*, **2(4)**, 670 – 674
- Zahrawardani, D., Sri, H.K., Dewi, A. K., 2013, Analisis Faktor Risiko Kejadian Penyakit Jantung Koroner di RSUP Dr Kariadi Semarang, *Jurnal Kedokteran Muhammadiyah*, **1(2)**