DAFTAR PUSTAKA

Abdellah, Abubaker, Mohamed Ibrahim Noordin, dan Wan Azman Wan Ismail, 2015, Importance And Globalization Status Of Good Manufacturing Practice (GMP) Requirements For Pharmaceutical Excipients, *Saudi Pharmaceutical Journal*, 23, 9–13.

Ahmad , Mohammad Zaki, Sohail Akhter, Mohammed Anwar, dan Farhan Jalees Ahmad, 2012, Assam Bora Rice Starch Based Biocompatible Mucoadhesive Microsphere for Targeted Delivery of 5‑Fluorouracil in Colorectal Cancer, *Molecular Pharmaceutics*, 9, 2986−2994.

Ahmad, Mohammad Zaki, Sohail Akhter, Iqbal Ahmad, Anjali Singh, Mohammad Anwar, Mohammad Shamim, dan Farhan Jalees Ahmad, 2012, In vitro and in vivo evaluation of Assam Bora Rice Starch-Based Bioadhesive Microsphere As A Drug Carrier For Colon Targeting, *Expert Opinion Drug Delivery*, 9(2): 141-149.

Ahmad, Mohammad Zaki, Sohail Akhter, Mohammed Anwar, Mahfoozur Rahman, Mohammad Ahsan Siddiqui , Farhan Jalees Ahmad, 2012, Compactibility and compressibility studies of Assam Bora rice starch, *Powder Technology*, 224, 281–286

Andrews, Gavin P., Thomas P. Laverty, David S. Jones, 2009, Mucoadhesive Polymeric Platforms For Controlled Drug Delivery, *European Journal of Pharmaceutics and Biopharmaceutics*, 71, 505–518.

Ansel, H.C., Allen Jr. L.V., dan Popovich, N.G, 1999, *Pharmaceutical Dosage Forms and Drug Delivery Systems*. Philadelphia: Lippincott Williams and Wilkins. 60-62.

Ashogbon, Adeleke Omodunbi dan Temitope Emmanuel Akintayo, 2012, Isolation, composition, morphological and pasting properties of starches from rice cultivars grown in Nigeria, *Starch*, 64, 181–187.

Bemiller, James, dan Roy Whistler, 2009, *Starch Chemistry And Technology Third Edition*, Academic Press, USA.

Bernkop-Schnurch A. dan S. Steininger, 2000, Synthesis And Characterisation Of Mucoadhesive Thiolated Polymers, *International Journal of Pharmaceutics*, 194, 239–247.

Bernkop-Schnurch, A., 2002, Mucoadhesive Polymers in *Polymeric Biomateri*als,* Severian Dumitriu (Editor), Marcell Dekker Inc., New York.

Boddupalli, Bindu M., Zulkar N. K. Mohammed, Ravinder Nath A., David Banji, 2010, Mucoadhesive drug delivery system: An overview, *Journal of Advanced Pharmaceutical Technology & Research*, Vol 1 Issue 4, 381-387.

Cartensen, J.T. dan Rhodes, C.T, 2000, *Drug Stabilty Principles and Practices 3rd Edition*, Marcell Dekker Inc. New York, 215-229.

Carvalho, F.C., Bruschi, M.L., Evangelista, R.C, dan Gremiao, M.P.D., 2010, Mucoadhesive Drug Delivery System, *Brazilian Journal of Pharmaceuticical Sciences*, vol. 46, No. 1: 1-17.

Chung , Hyun-Jung , Xiu-Qing Li, Danusha Kalinga, Seung-Taik Limd, Rickey Yada, dan Qiang Liu, 2014, Physicochemical properties of dry matter and isolated starch from potatoes grown in different locations in Canada, *Food Research International*, 57, 89–94.

Daudt, Renata Moschini, Irene Clemes Külkamp-Guerreiro, Florencia Cladera-Olivera, Roberta Cruz Silveira Thy, dan Ligia Damasceno Ferreira Marczaka, 2014, Determination Of Properties Of Pinhão Starch: Analysis Of Itsapplicability As Pharmaceutical Excipient, *Industrial Crops and Products*, 52, 420– 429.

Duggan, Sarah, Helen Hughes, Eleanor Owens, Elaine Duggan, Wayne Cummins, Orla O' Donovan, 2016, Synthesis And Characterisation Of Mucoadhesive Thiolated Polyallylamine, *International Journal of Pharmaceutics*, 499, 368–375.

Fessenden dan Fessenden, 1986, *Kimia Organik Edisi Ketiga Jilid 2*, Penerbit Erlangga, Jakarta.

Grabovac, Vjera, Davide Guggi, Andreas Bernkop-Schnurch, 2005, Comparison Of The Mucoadhesive Properties Of Various Polymers, *Advanced Drug Delivery Reviews*, 57, 1713– 1723

Gregorova, E., W. Pabst, I. Bochavenco, 2006, Characterization of Different Starch Types for Their Application in Ceramic Processing, Journal of the European Ceramic Society, 26: 1301.

Jane, J., T. Kasemsuwan, S. Leas, A. IA, H. Zobel, D. IL, J.F. Robyt, 1994, Anthology of starch granule morphology by scanning electron-microscopy, *Die Stärke*. 46: 121.

Junaedi, 2012, Preparasi Dan Karakterisasi Eksipien Koproses Karagenan (Kappa dan Iota) Dengan Pregelatinasi Pati Singkong Propionat Sebagai Eksipien Dalam Sediaam Tablet Mengapung Famotidin, *Tesis*, Fakultas Matematika Dan Ilmu Pengetahuan Alam, Universitas Indonesia, Jakarta.

Kemenkes, 2013, *Peraturan Menteri Kesehatan No. 87 Tahun 2013 Tentang Peta Jalan Pengembangan Bahan Baku Obat*, Kementerian Kesehatan Republik Indonesia, Jakarta.

Kemenkes, 2014, *Farmakope Indonesia edisi V*, Kementerian Kesehatan Republik Indonesia, Jakarta.

Kharenko, E. A., N. I. Larionova, dan N. B. Demina, 2009, Mucoadhesive Drug Delivery Systems (Review), *Pharmaceutical Chemistry Journal*, Vol 43, No 3.

Komariah, Engkong, 2012, Pengembangan Granul Mukoadhesif Diltiazem Tertahan Di Lambung Menggunakan Eksipien Koproses Karagenan Dan Pragelatinasi Pati Singkong Propionat, *Tesis*, Faklutas Matematika Dan Ilmu Pengetahuan Alam, Universitas Indonesia, Jakarta.

Lachman L., Herbert A.L., dan Joseph L.K., 2007, *Teori dan Praktek Farmasi Industri*. Alih Bahasa Siti Suyatmi. Edisi 3, Jilid 2. UI Press, Jakarta: 643-730.

Laovachirasuwan, Pornpun, Jomjai Peerapattana, Voranuch Srijesdaruk, Padungkwan Chitropas, Makoto Otsuka, 2010, The Physicochemical Properties Of A Spray Dried Glutinous Rice Starch Biopolymer, *Colloids and Surfaces B: Biointerfaces*, 78, 30–35.

Lee , Jin Whan, Jae Han Park, Joseph R. Robinson, 2000, Bioadhesive-Based Dosage Forms: The Next Generation, *Journal of Pharmaceutical Sciences*, Vol. 89, no. 7, 850-866.

Mansuri, Shakir, Prashant Kesharwani, Keerti Jain, Rakesh K. Tekade, N.K. Jain, 2016, Mucoadhesion: A Promising Approach In Drug Delivery System, *Reactive and Functional Polymers*, 100, 151–172.

Martin, A., Bustamante, P., dan Chun, A.. 1993, *Physical pharmacy: Physical chemical principles in the pharmaceutical science*. (4th ed.). Philadelphia: Lea & Febiger, 497-452.

Nand, Ashveen V., Randhir P. Charan, David Rohindra dan Jagjit R. Khurma, 2008, Isolation and properties of starch from some local cultivars of cassava and taro in Fiji, *The South Pacific Journal of Natural Science*, Volume 26, halaman 45-48.

Nayak , Amit Kumar, Dilipkumar Palb, dan Kousik Santra, 2014, Artocarpus heterophyllus L. Seed Starch-Blended Gellan Gum Mucoadhesive Beads of Metformin HCl, *International Journal of Biological Macromolecules*, 65, 329–339.

Nayak, Amit Kumar, dan Dilipkumar Pal, 2013, Formulation optimization and evaluation of jackfruit seed starch–alginate mucoadhesive beads of metformin HCl, *International Journal of Biological Macromolecules*, 59, 264– 272.

Nowak, Jessika, Flavia Laffleur, Andreas Bernkop-Schnürch, 2015, Preactivated Hyaluronic Acid: A Potential Mucoadhesive Polymer For Vaginal Delivery, *International Journal of Pharmaceutics* 478, 383–389.

Piyakulawat, P., Praphairaksit, N., Chantarasiri, N., dan Muangsin, N., 2007, Preparation and Evaluation of Chitosan/Carrageenan Beads for Controlled realeas of Sodium Diclofenac, *AAPS PharmSciTech* 8 (4) Article 97, E1-E11.

Rashid, Iyad, Mahmoud M. H. Al Omari and Adnan A. Badwan, 2013, From Native To Multifunctional Starch-Based Excipients Designed For Direct Compression Formulation, *Starch/Stärke*, 65, 552–571.

Rowe, Raymond C, Paul J Sheskey, dan Marian E Quinn, 2009, *Handbook of Pharmaceutical Excipients Sixth Edition*, Pharmaceutical Press, UK.

Sabale, Vidya, Vandana Patel, dan Archana Paranjape, 2013, Isolation And Characterization Of Jackfruit Mucilage And Its Comparative Evaluation As A Mucoadhesive And Controlled Release Component In Buccal Tablets, *International Journal of Pharmaceutical Investigation*, Volume 2, Issue 2, 61-69.

Shah, Rakhi B., Mobin A. Tawakkul, dan Mansoor A. Khan, 2008, Comparative Evaluation of Flow for Pharmaceutical Powders and Granules, *AAPS PharmSciTech*, Vol. 9, No. 1, 250-258.

Singh, Narpinder, Jaspreet Singh, Lovedeep Kaur, Navdeep Singh Sodhi, Balmeet Singh Gill, 2003, Morphological, thermal and rheological properties of starches from different botanical sources, Food Chemistry, 81, 219–231.

Sinko, Patrick J., 2011, *Martin Farmasi Fisika dan Ilmu Farmasetika Edisi 5*, EGC, Jakarta.

Sira, Elevina Eduviges Perez dan Mary Lares Amaiz, 2004, A Laboratory Scale Method For Isolation Of Starch From Pigmented Sorghum, *Journal of Food Engineering* 64, 515–519.

Siregar, Charles J.P., 2010, Teknologi Farmasi Sediaan Tablet: Dasar-Dasar Praktis, EGC, Jakarta.

Smart, John D, 2014, *Mucoadhesive Materials and Drug Delivery Systems First Edition*, John Wiley & Sons,

Srifiana, Yudi, 2013, Mikroenkapsulasi Ketoprofen Dengan Metode Koaservasi Menggunakan Pragelatinasi Pati Singkong Dan Metode Semprot Kering Menggunakan Pragelatinasi Pati Singkong Ftalat Sebagai Eksipien Penyalut, *Tesis*, Fakultas Farmasi, Universitas Indonesia, Jakarta.

Steenis, V.J, 1988, *Flora Untuk Sekolah Indonesia*, PT. Pradnya Paramita, Jakarta.

Sun, Zhigang, Naiqi Ya, Richard C. Adams, Florence S. Fang, 2010, Particle Size Specifications for Solid Oral Dosage Forms: A Regulatory Perspective, http://www.americanpharmaceuticalreview.com/Featured-Articles/36779-Particle-Size-Specifications-for-Solid-Oral-Dosage-Forms-A-Regulatory-Perspective/, diakses pada tanggal 15 Maret 2016.

Tananuwong , Kanitha, dan Wanida Tewaruth, 2010, Extraction And Application Of Antioxidants From Black Glutinous Rice, *LWT - Food Science and Technology*, 43, 476–481

The United States Pharmacopoeial Convention, 2009, *United States Pharmacopoeia 32th and National Formulary 27th* (CD-ROM).

Wani, Ali Abas, Preeti Singh, Manzoor Ahmad Shah, Ute Schweiggert-Weisd, Khalid Gul, dan Idrees Ahned Wani, 2012, Rice Starch Diversity: Effects on Structural, Morphological, Thermal, and Physicochemical Properties-A Review, *Comprehensive Reviews In Food Science and Food Safety*, Vol. 11, 417-436.

Yuliana, 2011, Karakterisasi Pragelatinasi Pati Singkong Fosfat yang Dibuat dengan Menggunakan Natrium Tripolifosfat Sebagai Eksipien Dalam Sediaan Farmasi, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Indonesia, Jakarta.

Zhou, Wielie, dan Zhon Lin Wang, 2006, *Scanning Microscopy for Nanotechnology*, Springer, New York.