

DAFTAR PUSTAKA

- Abdoon, F. M. dan Yahya, S. Y., 2018, Validated spectrophotometric approach for determination of salbutamol sulfate in pure and pharmaceutical dosage form using oxidative coupling reaction, *J. King Saud Univ.*
- Anan, Manee Luangtana, Jurairat Nuntjand, dan Sontaya Limmatvapirat, 2010, Effect of Molecular Weight and Concentration of Polyethylene Glycol on Physiochemical Properties and Stability of Shellac Film, *Journal of Agricultural and Food Chemistry Article*, 58, 12934-12940.
- AOAC, 2016, Appendix F: Guideline for Standard Method Performance Requirement, http://www.coma.aoc.org/app_f.pdf, 28 September 2018.
- Arya, A., Chandra, A., Sharma, V., dan Pathak, K., 2010, Fast dissolving oral films: An innovative drug delivery system and dosage form, *International Journal of ChemTech Research*.
- Aydinli, M., dan Tutas, M. (2000). Water Sorption and Water Vapour Permeability Properties of Polysaccharide (Locust Bean Gum) Based *Edible films*. *LWT - Food Science and Technology*, 33(1), 63–67.
- Barnhart, Scott, dan Sloboda, M. S., 2007, The future of dissolvable films, *Drug Del. Tech*, 1, 34–35.
- Bartlett, J. A., dan van der Voort Maarschalk, K., 2012, Understanding the Oral Mucosal Absorption and Resulting Clinical Pharmacokinetics of Asenapine, *AAPS PharmSciTech*, 13(4), 1110–1115.
- Bigi, A., Cojazzi, G., Panzavolta, S., Roveri, N., dan Rubini, K., 2002, Stabilization of gelatin films by crosslinking with genipin, *Biomaterials*, 23(24), 4827–4832.
- Bolton, Sanford dan Charles Bon, 2010, *Pharmaceutical Statistic: Practical and Clinical Application*, Informa healthcare, New York.
- Bonsu, M. A., Ofori-Kwakye, K., Kipo, S. L., Boakye-Gyasi, M. E., dan Fosu, M., 2016, Development of oral dissolvable films of diclofenac sodium for osteoarthritis using albizia and khaya gums as hydrophilic film formers, *J. Drug Deliv.*
- Bourtoom, T., 2009, Effect of Some Process Parameters on The Properties of *Edible film Prepared From Strach*, *Departement of Material Product Technology*, Songkhala
- Cao, N., Yang, X., dan Fu, Y., 2009, Effects of various *plasticizers* on mechanical and water vapor barrier properties of gelatin films, *Food Hydrocolloids*, 23, 729–735
- Chausuwan, B., Binjesoh, V., Polli, J., Zhang, H., Amidon, G., Junginger, H., ... Barends, D., 2008, *Biowaiver Monographs for Immediate Release Solid Oral*

Dosage Forms: Diclofenac Sodium and Diclofenac Potassium, *Journal of Pharmaceutical Sciences*.

- Chen, L., 2008, Mechanical and Water Vapor Barrier Properties of Tapioca Starch/Decolorized Hsian_Tsao Leaf Gum Films In The Presence of Plasticizer, *National Chung Hsin University*, Taiwan.
- Chonkar, A. D., Rao, J. V., Managuli, R. S., Mutalik, S., Dengale, S., Jain, P., dan Udupa, N., 2016, Development of fast dissolving oral films containing lercanidipine HCl nanoparticles in semicrystalline polymeric matrix for enhanced dissolution and ex vivo permeation, *European Journal of Pharmaceutics and Biopharmaceutics*, 103, 179–191.
- Choudhary, D. R., Patel, V. A., Chhalotiya, U. K., Patel, H. V., dan Kundawala, A. J., 2012, Development and characterization of pharmacokinetic parameters of fast-dissolving films containing levocetirizine, *Scientia Pharmaceutica*, 80(3).
- Corniello, B. C. M., 2006, Quick-Dissolve Strips: From Concept to Commercialization, *Drug Delivery Technology*, 6(2), 68–71.
- Cram, A., 2009, Aspartame, dalam Rowe, R. C., Sheskey, paul j., dan Owen, Sian C., 2009, Handbook of Pharmaceutical Excipients (6th ed.), 48-50, Pharmaceutical Press, London.
- Kementrian Kesehatan RI, 2014, *Farmakope Indonesia*, Edisi V, Departemen Kesehatan RI, Jakarta.
- Diener, H. C., Montagna, P., Gács, G., Lyczak, P., Schumann, G., Zöller, B., ... Edson, K., 2006, Efficacy and tolerability of diclofenac potassium sachets in migraine: A randomized, double-blind, cross-over study in comparison with diclofenac potassium tablets and placebo, *Cephalalgia*.
- Ermer, J., dan Miller, J., 2005, In Method Validation in Pharmaceutical Analysis, *Front Matter*, (pp. i–xiv)..
- Gandjar, Ibnu Gholib dan Abdul Roman, 2007, Kimia Farmasi Analisis, Pustaka Pelajar, Yogyakarta.
- Garg, G., Author, C., Siddiqui, N., dan Kumar Sharma, P., 2011, A Short Review on “A Novel Approach in Oral Fast Dissolving Drug Delivery System and Their Patents.”, *Advances in Biological Research*, 5(6), 291–303.
- Gay, L.R. dan Diehl P.L. (1992) Research Methods for Business and Management. Milan Publishing Company, New York.
- Guilbert, S., dan Gontard, N., 1995, Edible and biodegradable food packaging. *Special Publication-Royal Society Of Chemistry*.
- Haley, S., 2009, Methylparaben, dalam Rowe, R. C., Sheskey, paul j., dan Owen, Sian C., 2009, Handbook of Pharmaceutical Excipients (6th ed.), 441-445, Pharmaceutical Press, London.

- Hariharan, M., dan Bogue, A., 2009, Orally dissolving film strips (ODFS): The final evolution of orally dissolving dosage forms, *Drug Delivery Technology*, 9(2), 24–29.
- Hazirah, M. A. S. P. N., Isa, M. I. N., dan Sarbon, N. M., 2016, Effect of xanthan gum on the physical and mechanical properties of chicken skin gelatin-cmc biodegradable blends films, *Food Packaging and Shelf Life*, 9, 55–63.
- Irfan, M., Rabel, S., Bukhtar, Q., Qadir, M. I., Jabeen, F., dan Khan, A., 2016, Orally disintegrating films: A modern expansion in drug delivery system, *Saudi Pharmaceutical Journal*, 24(5), 537-546.
- Jinghua Yuan, P. P. S. A., 2001, Effects of Polyethylene Glycol on Morphology , Thermomechanical Properties , *Acetate – Free Films*.
- Krochta, J., 2002, Proteins as Raw Materials for Films and Coatings, dalam Gennadios, Aristippos, 2001, *Protein-Based Films and Coatings*, CRC Press, New York.
- Lu, X. F., Bi, K. S., Zhao, X., dan Chen, X. H., 2012, Authentication and distinction of Shenmai injection with HPLC fingerprint analysis assisted by pattern recognition techniques, *Journal of Pharmaceutical Analysis*, 2(5), 327–333.
- Marcilla, A., dan Beltran, 2012, Mechanism of *Plasticizer* Action, dalam Whypych George, *Handbook of Plasticizer*, Edisi III, Bagian 9, ChemTec Publishing, Kanada.
- Marel, Caroline D. Van der, Brian J. Anderson, Janne Romsing, Evelyne Jacqz-Aigrain, Dandick Tibboel, 2004, Diclofenac and metabolite pharmacokinetics in children, *Pediatric Anesthesia*, 14, 443-451.
- Mahesh, A., Shastri, N., dan Sadanandam, M., 2010, Development of taste masked fast disintegrating films of levocetirizine dihydrochloride for oral use, *Current Drug Delivery*, 7(1), 21–27.
- Moffat, Anthony C., M David Osselton, dan Brian Widdop, 2011, *Clarke's Analysis of Drugs and Poisons*, Edisi IV, Pharmaceutical Press, Inggris.
- Nagaraju, T., Gowthami, R., Rajashekar, M., Sandeep, S., Malleshm, M., Sathish, D., dan Shravan Kumar, Y., 2013, Comprehensive Review On Oral Disintegrating Films, *Current Drug Delivery*, 10(1), 96–108.
- Nair, A. B., Kumria, R., Harsha, S., Attimarad, M., Al-Dhubiab, B. E., dan Alhaider, I. A., 2013, In vitro techniques to evaluate buccal films, *Journal of Controlled Release*, 166(1), 10–21.
- Nugroho, Agung Adi, Basito, R. Baskara Katri, 2013, Kajian Pembuatan *Edible film* Tapioka dengan Pengaruh Penambahan Pektin Beberapa Jenis Kulit Pisang Terhadap Karakteristik Fisik dan Mekanik, *Jurnal Teknosains Pangan*, 2(1).

- Nur Hazirah, M. A. S. P., Isa, M. I. N., dan Sarbon, N. M., 2016, Effect of xanthan gum on the physical and mechanical properties of gelatin-carboxymethyl cellulose film blends, *Food Packaging and Shelf Life*, 9, 55–63.
- Podczek, F, 2009, Gelatin, dalam Rowe, R. C., Sheskey, paul j., dan Owen, Sian C, 2009, Handbook of Pharmaceutical Excipients (6th ed.), 278-281, Pharmaceutical Press , London.
- Saringat, Haji Baie, Khaid Ibrahim Alfodol, dan Gul Majid Khan, 2005, The Influence Of Different *Plasticizers* On Some Physical And Mechanical Properties Of Hydroxypropyl Methylcellulose Free Films, *Pakistan Journal Of Pharmaceutical Sciences*, 18(03), 23-38.
- Siddiqui, N., Garg, G., dan Kumar Sharma, P., 2011, A short review on danquot; a novel approach in oral fast dissolving drug delivery system and their patents danquot;, *Adv. Biol. Res.* 5(6):291–303.
- Sitompul, Alfredo Johan Wahyu Sagita dan Elok Zubaidah, 2017, Pengaruh Jenis Dan Konsentrasi *Plasticizer* Terhadap Sifat Fisik *Edible film* Kolang Kaling (*Arenga pinnata*), *Jurnal Pangan dan Agroindustri*, 5(1), 13-25.
- Sothornvit, R., dan Krochta, J. M., 2000, Water Vapor Permeability and Solubility of Films from Hydrolyzed Whey Protein, *Journal of Food Science*,
- Stat-Ease, 2017, Handbook of Experimenter : A concise collection of handy tips to help you set up and analyze your designed experiments, Stat-Ease Inc., Minneapolis.
- Turhan, K.N., dan Shabaz, F., 2004, Water vapour permeability, tensile properties and solubility of methylcellulose-based films, *Journal of Food Engineering*, 61:3, 459-466.
- Wallick, D, 2009, Polyethylene Glycol, dalam dalam Rowe, R. C., Sheskey, paul j., dan Owen, Sian C, 2009, Handbook of Pharmaceutical Excipients (6th ed.), 517-522, Pharmaceutical Press , London.
- Yang, L., dan Paulson, A.T., 2000, Effects of lipids on mechanical and moisture barrier properties of edible gellan film, *Food Research International* ,33:7, 571-578.
- Yu, Yunan, Yan Cheng, Jiawei Ren, Erping Cao, Xiaowei Fu, dan Weihong Guo, 2014, Plasticizing effect of poly(ethylene glycol)s with different molecular weights in poly(lactic acid)/starch blends, *journal of Applied Polymer Science*.
- Yuan , Jinghua, P.Peter Shang, dan Stephen H.Wu, 2001, Effects of Polyethylene Glycol on Morphology, Thermomechanical Properties, and Water Vapor Permeability of Cellulose Acetate–Free Films, *Pharmaceutical Technology*, 62-73.