

## DAFTAR PUSTAKA

- Akkrachaneeyakorn, S., and S. Tinrat, 2015, Effects of types and amounts of stabilizers on physical and sensory characteristics of cloudy ready-to-Drink mulberry fruit juice, *Journal of Food Science & Nutrition*, 3(3): 213–220
- Andarwulan, N., R. Batari, D.A. Sandrasari, B. Bolling, H. Wijaya. 2010. Flavonoid content and antioxidant activity of vegetables from Indonesia. *Food Chem.* 121:1231-1235.
- Anwar, 2017, Pembuatan dan Karakterisasi Gelatin Taut Silang dari Limbah Kulit dan Tulang Sapi (*Bos taurus*), *Skripsi*, Fakultas Kedokteran dan Ilmu Kesehatan, Universitas Negeri Islam Alauddin, Makassar.
- Arya, A., Chandra, A., Sharma, V., Pathak, K., 2010, Fast Dissolving Films: An Innovative Drug Delivery System and Dosage Form. *International Journal of Chemistry Technology*, 2:576-583.
- Asija, R., Manmohan, S., Avinash, G., dan Shailendra, B, 2013, Oeodispersible Film: A Novel Approach for Patient Compliance, *International Journal of Medicine and Pharmaceutical Research*. 1(4): 386-390.
- Avinash, K.G, 2013, Fast Dissolving Dosage Forms. *IJPSI*. Vol 2.
- Awuchi, Chinaza, 2017, Sugar Alcohols: Chemistry, Production, Health Concerns and Nutritional Importance of Mannitol, Sorbitol, Xylitol, and Erythritol, *International Journal of Advanced Academic Research*, 3. 2488-9849.
- Badan Standardisasi Nasional, 2009, Tepung Beras, tersedia di <http://www.sispk.bsn.go.id> diakses pada 7 Desember 2019 Pukul 16.58 WIB.
- Bala, R., Pawar, P., dan Khanna, S., 2013, Orally Dissolving Strips: A New Approach to Oral Drug Delivery System. *Int. J. Pharm. Investig.* 2(2): 67-73.
- Bestari, A.N., Sulaiman, T.N.S., Rohman, A., 2016, Formulasi Orally Disintegration Tablet (Odt) Meloksikam dengan Variasi Komposisi AcDi-Sol® dan Kollidon Cl® sebagai Bahan Penghancur, *Majalah Farmaseutik*, 12(2) : 461.
- Binawati G., 2012, Antifungal Activity of Essential Oils Some Plants in Aceh Province Against *Candida albican*, *Jurnal Natural* Vol. 12, No. 2.
- Butnairu, Monica dan Sarac, Ioan, 2018, Essential Oils from Plants. *Journal of Biotechnology and Biomedical Science*. 1. 35-43. 10.14302/issn.2576-6694.jbbs-18-2489.
- Chauhan, I., Yasir, M., Nagar, P., 2012, Insights into Polymers: Film Formers in Mouth Dissolving Films, *Drug Invent*, Vol. 2, pp. 56-73.
- Dewi A., M Syahrul U., Kasman, 2017, Pembuatan dan Pengujian Sifat Mekanik Plastik Biodegradable Berbasis Tepung Biji Durian, *Natural Science: Journal of Science and Technology*, Vol 6 (3) : 276 – 283.
- Dianti, 2016, Katalog Pohpohan, tersedia di <https://www.biodiversitywarriors.org>, diakses pada 16 maret 2019 pukul 08.45 WIB.
- Endrini, S., 2011, Antioxidant activity and anticarcinogenic properties of rumput mutiara (*Hedyotis corymbosa* (L.) Lam.) and pohpohan (*Pilea tinervia* (Roxb.) Wight.). *J. Med. Plant Res.* 5:3715-3718.

- Galgatte, U.C., Khanchandani, S.S., Jandhay, Y.G., dan Chaundhari, P.D, 2013, Investigation Film Different Polymers, Plasticizers and Superdisintegrating Agents Alone and In Combination For Use in The Formulation of Fast Dissolving Oral Films, *International Journal of PharmTech Research*. 5(4): 1465-1472.
- Hajrawati, 2006, Sifat Fisik dan Kimi Gelatin Tulang Sapi dengan Perendaman Asam Klorida pada Konsentrasi dan Lama Perendaman yang Berbeda, *Tesis*, Magister Sains, Departemen Ilmu Ternak, Institut Pertanian Bogor.
- Husnul K., Erika W., Ari S., 2017, Karakterisasi Hasil Pengolahan Air Menggunakan Alat Destilasi, *Jurnal Chemurgy*, Vol. 01, No.2.
- Kalyan, S., dan Bansal, M., 2012, Recent Trends in The Development of Oral Dissolving Film. *International Journal of PharmTech research*. 4(2): 725-733.
- Kathpalia, A., 2017, Formulation and Evaluation of Orally Disintegrating Films of Levocetirizine Dihydrochloride, *Departemen of Pharmaceutics Journal*, Vivekanand Education Society's College of Pharmacy, India.
- Kementrian Kesehatan Republik Indonesia, 2018, Potret Sehat Indonesia dari Riskesdas 2018, diakses dari <https://www.depkes.go.id/article/print/18110200003/potret-sehat-indonesia-dari-riskesdas-2018.html> pada 5 Desember 2019 pukul 21:42 WIB.
- Kidd EAM, Bechal SJ., 2012, Dasar-Dasar Karies-Penyakit dan Penanggulangan. Jakarta: Buku Kedokteran EGC. p.2.
- Krull, S. M., Ma, Z., Li, M., Davé, R. N., dan Bilgili, E., 2015, Preparation and characterization of fast dissolving pullulan films containing BCS II class drug nanoparticles for bioavailability enhancement, *Drug Dev. Ind. Pharm.* 42(7): 1 – 13.
- Kulkarni, Parthasarathi & Dixit, Mudit & Anis, Shahnawaz & Mangla, Singh & Ajay, Kulkarni & Gunashekara, K., 2011, Formulation and evaluation of mouth dissolving film containing Rofecoxib, *International Research Journal of Pharmacy*, 2. 273-278.
- Ma, Liang., Yang, Hui., Ma, Mingsi., Zhang, Xiaojie., dan Zhang, Yuhao., 2018, Mechanical and structural properties of rabbit skin gelatin films, *International Journal of Food Properties*, 21:1, 1203-1218, DOI: 10.1080/10942912.2018.1476874
- MacQuarrie, Reg, 2004, *Edible Dissolving Gelatin Strips* [online], United States Patent Application Publication, tersedia di: <https://patents.justia.com/patent/20040087467>, diakses pada 9 Januari 2019.
- Malik, A., Sutanty, M. L., Hapsari, I., Sinurat, A. V., Purwati, E. M., Jufri, M., Suyradi, H., 2016, Simultaneous identification and verification of gelatin type in capsule shells by electrophoresis and polymerase chain reaction. *Journal of Pharmaceutical Investigation*, 46(5), 475-485.
- Mandarini PN, 2014, Analisis Kapasitas Antioksidan dan Kandungan Total Fenol pada Sayuran, *Skripsi*, Bogor (ID): Institut Pertanian Bogor.
- Nirmala, Nandhini, Sudhakar, 2016, Design and evaluation of fast dissolving oral films of Zolpidem by solvent casting method, *Asian J. Pharm. Res*, Vol. 6: Issue 2.
- Pourhajabagher, Maryam & Chiniforush, Nasim & Raoofian, Reza & Ghorbanzadeh, Roghayeh & Shahabi, Sima & Bahador, Abbas, 2016, Effects of sub-lethal doses of photo-activated disinfection against *Porphyromonas gingivalis* for pharmaceutical treatment of periodontal-endodontic lesions, *Photodiagnosis and photodynamic therapy*, 16. 10.1016/j.pdpdt.2016.08.013.

- Miksusanti, Herlina and Masril, K.I., 2013, Antibacterial and antioxidant of uwi (*Dioscorea alata* L) starch edible film incorporated with ginger essential oil, *International Journal of Bioscience, Biochemistry and Bioinformatics*, 3(4): 354-356.
- Mobius dan Miller, 1998, *Studies in Interface Science: Proteins at Liquid Interfaces* [online], Elsevier Science B.V, tersedia di: [https://books.google.co.id/books?id=gw2v2yZ\\_yv8C&pg=PA466&lpg=PA466&dq=gelatin+increase+thickness&source=bl&ots=yS-ud-6L5I&sig=ACfU3U1crWWRshsL0weOZ3LLieuxWOIWOA&hl=id&sa=X&ved=2ahUKEwjM4P2p9ZHpAhWR8HMBHeyUBncQ6AEwDnoECAoQAQ#v=onepage&q=citation&f=false](https://books.google.co.id/books?id=gw2v2yZ_yv8C&pg=PA466&lpg=PA466&dq=gelatin+increase+thickness&source=bl&ots=yS-ud-6L5I&sig=ACfU3U1crWWRshsL0weOZ3LLieuxWOIWOA&hl=id&sa=X&ved=2ahUKEwjM4P2p9ZHpAhWR8HMBHeyUBncQ6AEwDnoECAoQAQ#v=onepage&q=citation&f=false), diakses pada 1 Mei 2020.
- Monro, A.K., Y.G. Wei, C.J. Chen. 2012. Three new species of *Pilea* (Urticaceae) from limestone karst in China. *Phytokeys* 19:51-66.
- More, G., Lail, N., Hussein, A., dan Tshikalange, T.E., 2012, Antimicrobial Constituents of *Artemisia afra* Jacq. Ex Wild. Against Periodontal Pathogens. *Evidence-Based Complementary and Alternative Medicine*, 1-7.
- Muktiasage, R., 2017, Uji Aktivitas Antibakteri dan Antibiofilm Minyak Atsiri Daun Pohpohan (*Pilea trinervia* Wight.) terhadap Bakteri *Porphyromonas gingivalis*, *Skripsi*, Fakultas Farmasi, Universitas Gadjah Mada.
- Nagaraju, T., Gowthami R, Rajashekar M, Sandeep S, Mallesham M, Sathish D, Kumar YS., 2013, Comprehensive Review on Oral Disintegrating Films, *Current Drug Delivery*, 10: 96-108.
- Nur Hazirah Binti Che Wan, Abdorreza Mohammadi Nafchinur dan Nurul Huda, 2018, Tensile Strength, Elongation at Breaking Point and Surface Color of a Biodegradable Film Based on a Duck Feet Gelatin and Polyvinyl Alcohol Blend. *Asia Pacific Journal of Sustainable Agriculture Food and Energy (APJSafe)*, ISSN: 2338-1345 – Vol. 6 (2) 16-21.
- Pallavi, Patil, Shrivastava SK, Vaidehi S, Ashwini P, 2014, Oral Fast Dissolving Drug Delivery System: A Modern Approach for Patient Compliance, *International Journal of Drug Regulatory Affairs*: 2(2), 49-60.
- Rahayu, K. M., 2017, “Uji Aktivitas Antibakteri dan Antibiofilm Minyak Atsiri Daun Pohpohan (*Pilea trinervia* Wight.) terhadap Bakteri *Porphyromonas gingivalis*”, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- Rahim, A., Nur Alam., Haryadi dan U. Santoso., 2010, Pengaruh Konsentrasi Pati Aren dan Minyak Sawit terhadap Sifat Fisik dan Mekanik *Edible Film* (The Effect of Palm Sugar Stach Apalm Oil Concentrations on Physical and Mechanical Characteristics of Edible Film. *J. Agroland*, 17(1): 38-46.
- Rajini, B., Pravin, P., Sushil, K., Sandeep, A., 2013, Orally Dissolving Strips A new Approach To Oral Drug Delivery System, *Int J Pharm Investing*, Vol.3.
- Ratih, L., 2012, *Hubungan Kebersihan Mulut dengan Penyakit Sistemik dan Usia Harapan*. [Online] tersedia di: <http://poltekkesdenpasar.ac.id/files/JSN/V9N1/Ratih%20Larasati%20JSN%20V9N1.pdf>, diakses pada 20 Juni 2020.
- Rizqa A., Elisa J., Ridwansyah, 2014, Physicochemical Properties of Composite Flour Based on Rice, Sweet Potato, Potatoes, Soybean and Xanthan Gum. *J.Rekayasa Pangan dan Pert.*, Vol.2 No.2.
- Roseline, A., 2013, *Botanical Nomenclature*, MJP Publisher: India.

- Rosmawati E., 2016, Optimasi Formula Tablet Floating Propanolol Hidroklorida dengan HPMC E6LV dan Natrium CMC sebagai Matriks dengan Model *Simplex Lattice Design* (SLD), *Skripsi*, Fakultas Farmasi, Universitas Muhammadiyah Purwokerto, Purwokerto.
- Santosa, E., V. Prawati, Sobir, Y. Mine, N. Sugiyana, 2015, Agronomy, utilization and economics of indigenous vegetable in West Java, *Indonesia. J. Hort.* 6:125- 134.
- Santoso, 2011, Air Bagi Kesehatan, Jakarta: Centra Communications.
- Setiani, W., Sudiarti, T., dan Rahminda, I., 2013, Preparasi dan Karakterisasi *Edible Film* dari Poliblend Pati Sukun-Kitosan. *Valensi.* 3(2): 100-109.
- Shyni, K., Hema, G. S., Ninan, G., Mathew, S., Joshy, C. G., Lakshmanan, P. T., 2014, Isolation and characterization of gelatin from the skins of skipjack tuna ( *Katsuwonus pelamis* ), dog shark ( *Scoliodon sorrakowah* ), and rohu ( *Labeo rohita* ). *Food hydrocolloids*, 39, 68-76
- Siahaan, R., 2010, Isolasi *Salmonella sp.* Pada Sayuran Segar di Wilayah Bogor dan Evaluasi Pengaruh Perlakuan Pencucian dengan Sanitaiser Komersial, *Skripsi*, Institut Pertanian Bogor, Bogor.
- Siddiqui, N., Garg, G., dan 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.
- Singh, S., Gangwar, S., Garg, G., Garg V and Sharma, P.K., 2010. Formulation and Evaluation of Rapidly Disintegrating Film of Levocetizine Hydrochloride. *Scholars Research Library Der Pharmacia Lettre.* 2(2).
- Sousa, R.M.F., de Morais, S.A.I., Vieira, R.B.K., Napolitano, D.R., Guzman, V.B., Moraes, T.S., Cunha, L.C.S., Martins, C.H.G., Chan R., de Aquino, F.J.T., do Nascimento, E.A., dan de Oliveira, A., 2015, Chemical Composition Cytotoxic and Antibacterial Activity of The Essential Oil from *Eugenia calycina* Cambess. Leaves against Oral Bacteria, *Industrial Crops and Products*, 65: 71-78.
- SukkwaiS, Kijroongrojana K, Benjakul S., 2011, Extraction of gelatin from bigeye snapper (*Priacanthus tayenus*)skin for gelatin hydrolysate production, *International Food Research Journal*, 18(3): 1129-1134.
- Wichchukit, S. dan O'Mahony, M., 2010, Paired preference tests: 'Liking', 'Buying' and 'Take Away' preferences, *Food Qual. Pref.* 21: 925 – 929.
- Wongso, 2011, Optimasi Xanthan Gum dan Gelatin pada Tablet Sublingual Propanolol, *Skripsi*, Fakultas Farmasi, Universitas Katolik Widya Mandala, Surabaya.
- Yeongbin, Lee, Kyeongsoom, Kim, Minsoo, Kim, Du Hyung, Choi, Seong Hoon, Jeong, 2017, Orally Disintegrating Films Focusing on Formulation, Manufacturing Process and Characterization, *Journal of Pharmaceutical Investigation.*
- Yuliani, Sri., Satuhu, Suyanti, 2012, Panduan Lengkap Minyak Atsiri. Penebar Swadaya, Bogor.