DAFTAR PUSTAKA

Abdan, K.B., Yong, S.C., Chiang, E.C.W., Talib, R.A., Hui, T.C., dan Hao, L.C., 2020. Chapter 6 - Barrier Properties, Antimicrobial and Antifungal Activities of Chitin and Chitosan-Based IPNs, Gels, Blends, Composites, and Nanocomposites, dalam: Gopi, S., Thomas, S., dan Pius, A. (Editor), *Handbook of Chitin and Chitosan*. Elsevier, hal. 175–227.

Agnihotry, A., Gill, K.S., Singhal, D., Fedorowicz, Z., Dash, S., dan Pedrazzi, V., 2014. A Comparison of the Bleaching Effectiveness of Chlorine Dioxide and Hydrogen Peroxide on Dental Composite. *Brazilian Dental Journal*, **25**: 524–527.

Ahmad, Z., Roziaizan, N.N., Rahman, R., Mohamad, A.F., dan Ismail, W.I.N.W., 2016. Isolation and Characterization of Microcrystalline Cellulose (MCC) from Rice Husk (RH). *MATEC Web of Conferences*, **47**: 05013.

Al-Ali, M., Salih, K.I., dan Alsamarrae, A., 2020. Microwave Heating Temperatures and Pharmaceutical Powder Characteristics. *Materials Today: Proceedings*, , 2nd International Conference on Materials Engineering & Science **20**: 583–587.

Anggriani, U.M., Novia, N., Melwita, E., dan Aprianti, T., 2023. Effect of Temperature and Time on Alkaline Pretreatment and Alkaline Microwave-assisted Pretreatment on Banana Stem Composition. *CHEMICA: Jurnal Teknik Kimia*, **10**: 112.

Anthony, J.H. dan Ganderton, D., 2010. Pharmaceutical Process Engineering. Informa Healtcare, London, hal. 68–86.

Bajpai, P., 2015. *Green Chemistry and Sustainability in Pulp and Paper Industry*. Springer International Publishing, Cham.

Baker, A., Dwyer-Joyce, R., Briggs, C., dan Brockfeld, M., 2012. Effect of Different Rubber Materials on Husking Dynamics of Paddy Rice. *Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology*, **226**: 516–528.

Belali, N.G., Chaerunisaa, A.Y., dan Rusdiana, T., 2019. Isolation and Characterization of Microcrystalline Cellulose Derived from Plants as Excipient in Tablet : A Review. *Indonesian Journal of Pharmaceutics*, **1**: .

Bhakti, C.P., Ghafur, A.L., Setiawan, R.A., dan Widodo, A., 2019. Pelatihan dan Pemanfaatan Sekam Padi Menjadi Bahan Bakar (Briket) di Desa Kemranggon, Kecamatan Susukan, Kabupaten Banjarnegara. *Jurnal Pemberdayaan: Publikasi Hasil Pengabdian Kepada Masyarakat*, **3**: 117–122.

Bhandari, K., Roy Maulik, S., dan Bhattacharyya, A.R., 2020. Synthesis and Characterization of Microcrystalline Cellulose from Rice Husk. *Journal of The Institution of Engineers (India): Series E*, **101**: 99–108.

BPOM, 2023. Peraturan Badan Pengawas Obat dan Makanan Nomor 29 Tahun 2023 Tentang Persyaratan Keamanan dan Mutu Obat Bahan Alam.

BPPT (Editor), 2016. *Outlook Teknologi Kesehatan: Teknologi untuk Industri dan Alat Kesehatan Nasional : Proyeksi 2035*. Pusat Teknologi Farmasi dan Medika, Badan Pengkajian dan Penerapan Teknologi, Serpong, Banten.

BPPT, 2020. *Outlook Teknologi Kesehatan 2020: Inisiatif Penguatan Rantai Pasok Bahan Baku Obat*. PPIPE dan BPPT, Jakarta.

BPS, 2022. *Berita Resmi Statistik : Lahan Panen Dan Produksi Padi Di Indonesia 2022*. Badan Pusat Statistik, Jakarta.

Cahyani, I., Lukitaningsih, E., Adhyatmika, A., dan Sulaiman, T., 2022. Preparation and Characterization of Microcrystalline Cellulose for Pharmaceutical Excipient: A Review. *Tropical Journal of Natural Product Research*, **6**: 1570–1575.

Cahyani, I.M., Adhyatmika, A., Lukitaningsih, E., dan Sulaiman, T.N.S., 2023. Optimal Conditions for Alkaline Delignification Process in Cellulose Isolation from Sengon Wood Sawdust. *Science and Technology Indonesia*, **8**: 666–674.

Ce, U., Sa, C., dan Ce, I., 2019. Evaluation of Excipient Potentials of Alpha Cellulose Extracted from Rice Husk in Metronidazole Compressed Tablets: Colon Targeted Drug delivery and In Vitro Characterizations.

Chaerunisaa, A.Y., Sriwidodo, S., Abdassah, M., Chaerunisaa, A.Y., Sriwidodo, S., dan Abdassah, M., 2019. Microcrystalline Cellulose as Pharmaceutical Excipient, dalam: *Pharmaceutical Formulation Design - Recent Practices*. IntechOpen.

Chendo, C., Pinto, J.F., dan Paisana, M.C., 2023. Comprehensive Powder Flow Characterization with Reduced Testing. *International Journal of Pharmaceutics*, **642**: 123107.

Council of Europe, 2022. *European Pharmacopoeia*, 11.0. ed, Cellulose, Microcrystalline. p2266-2270. European Directorate for the Quality of Medicines & Healthcare, Strasbourg.

Dassanayake, R.S., Acharya, S., Abidi, N., Dassanayake, R.S., Acharya, S., dan Abidi, N., 2018. Biopolymer-Based Materials from Polysaccharides: Properties, Processing, Characterization and Sorption Applications, dalam: *Advanced Sorption Process Applications*. IntechOpen.

Debnath, B., Duarah, P., dan Purkait, M.K., 2023. Microwave-Assisted Quick Synthesis of Microcrystalline Cellulose from Black Tea Waste (*Camellia sinensis*) and Characterization. *International Journal of Biological Macromolecules*, **244**: 125354.

Dirjen Farmalkes, 2023. Laporan Kinerja Semester I 2023.

DSN, 1992. SNI 19-2897-92 (Cara Uji Cemaran Mikroba).

Dukić-Ott, A., Thommes, M., Remon, J.P., Kleinebudde, P., dan Vervaet, C., 2009. Production of pellets via extrusion-spheronisation without the incorporation of microcrystalline cellulose: a critical review. *European Journal of Pharmaceutics and Biopharmaceutics: Official Journal of Arbeitsgemeinschaft Fur Pharmazeutische Verfahrenstechnik e.V*, **71**: 38–46.

Emenike, E.C., Iwuozor, K.O., Saliu, O.D., Ramontja, J., dan Adeniyi, A.G., 2023. Advances in The Extraction, Classification, Modification, Emerging and Advanced Applications of Crystalline Cellulose: A Review. *Carbohydrate Polymer Technologies and Applications*, **6**: 100337.

Fatriasari, W., Masruchin, N., dan Hermiati, E., 2019. *Selulosa : Karakteristik Dan Pemanfaatannya*. LIPI Press, Jakarta.

Gámez, S., González-Cabriales, J.J., Ramírez, J.A., Garrote, G., dan Vázquez, M., 2006. Study of The Hydrolysis of Sugar Cane Bagasse using Phosphoric Acid. *Journal of Food Engineering*, **74**: 78–88.

Gupta, P.K., Raghunath, S.S., Prasanna, D.V., Venkat, P., Shree, V., Chithananthan, C., dkk., 2019. An Update on Overview of Cellulose, Its Structure and Applications, dalam: *Cellulose*. IntechOpen.

Haafiz, M.K.M., Hassan, A., Zakaria, Z., dan Inuwa, I.M., 2014. Isolation and characterization of cellulose nanowhiskers from oil palm biomass microcrystalline cellulose. *Carbohydrate Polymers*, **103**: 119–125.

Hafid, H.S., Omar, F.N., Zhu, J., dan Wakisaka, M., 2021. Enhanced crystallinity and thermal properties of cellulose from rice husk using acid hydrolysis treatment. *Carbohydrate Polymers*, **260**: 117789.

Hanani, A.S.N., Zuliahani, A., Nawawi, W.I., Razif, N., dan Rozyanty, A.R., 2017. The Effect of Various Acids on Properties of Microcrystalline Cellulose (MCC) Extracted from Rice Husk (RH). *IOP Conference Series: Materials Science and Engineering*, **204**: 012025.

Horst, D., Petter, R., dan Ramirez-Behainne, J., 2014. Comparative Analysis of Different Acids Utilization for Cellulosic Hydrolysis by Using Brazilian Wood Wastes for Fibers and Bioethanol Production Yields. *Revista Gestão Industrial*, **7**: 135–154.

Huang, Y.-B. dan Fu, Y., 2013. Hydrolysis of Cellulose to Glucose by Solid Acid Catalysts. *Green Chemistry*, **15**: 1095–1111.

Hutomo, G.S., Rahim, A., dan Kadir, S., 2015. The Effect of Sulfuric and Hydrochloric Acid on Cellulose Degradation from Pod Husk Cacao.

International Journal of Current Microbiology and Applied Sciences, **4**: 89095.

Irawan, B., Darmawan, A., Roesyadi, A., dan Hari Prajitno, D., 2020. Improving Reaction Selectivity with NaOH Charges and Reaction Time in the Medium Consistency Oxygen Delignification Process. *International Journal of Technology*, **11**: 764.

ITIS, 2023. 'ITIS - Report: Oryza sativa', . URL: https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=41976#null (diakses tanggal 30/10/2023).

Jeon, K.-I., Park, E., Park, H.-R., Jeon, Y.-J., Cha, S.-H., dan Lee, S.-C., 2006. Antioxidant Activity of Far-Infrared Radiated Rice Hull Extracts on Reactive Oxygen Species Scavenging and Oxidative DNA Damage in Human Lymphocytes. *Journal of Medicinal Food*, **9**: 42–48.

Johar, N., Ahmad, I., dan Dufresne, A., 2012. Extraction, Preparation and Characterization of Cellulose Fibres and Nanocrystals from Rice Husk. *Industrial Crops and Products*, **37**: 93–99.

Karim, Md.Z., Chowdhury, Z.Z., Abd Hamid, S.B., dan Ali, Md.E., 2014. Statistical Optimization for Acid Hydrolysis of Microcrystalline Cellulose and Its Physiochemical Characterization by Using Metal Ion Catalyst. *Materials*, **7**: 6982–6999.

Kim, S.-J., Park, H.-R., Park, E., dan Lee, S.-C., 2007. Cytotoxic and Antitumor Activity of Momilactone B from Rice Hulls. *Journal of Agricultural and Food Chemistry*, **55**: 1702–1706.

Kishimoto, A., Ohtsubo, R., Okada, Y., Sugiyama, K., Goda, H., Yoshikawa, T., dkk., 2023. Elucidation of Composition of Chlorine Compounds in Acidic Sodium Chlorite Solution Using Ion Chromatography. *PLOS ONE*, **18**: e0289534.

Kohler, U. dan Luniak, M., 2005. Data Inspection using Biplots. *The Stata Journal*, **5**: 208–223.

Kordi, M., Farrokhi, N., Pech-Canul, M.I., dan Ahmadikhah, A., 2023. Rice Husk at a Glance: From Agro-Industrial to Modern Applications. *Rice Science*, S1672630823000963.

Korotkova, T., Ksandopulo, S., Donenko, A., Bushumov, S., dan Danilchenko, A., 2016. Physical Properties and Chemical Composition of the Rice Husk and Dust. *Oriental Journal of Chemistry*, **32**: 3213–3219.

Kulkarni, S.J. dan Kalshekar, B.A.R., 2023. Preparation and Extraction of Alpha Cellulose and Synthesis of Microcrystalline Cellulose From Agro-Waste (Pineapple Leaves), dalam: *Handbook of Research on Sustainable Consumption and Production for Greener Economies*. IGI Global, hal. 384–397.

Kumar, A., Patel, D.P., Patel, G.K., Singh, D., Prasad, K., dan Sarva, D.K., 2018. Establishment of Rice Husk by-Product as Pharmaceutical Excipient. *World Journal of Pharmaceutical Research*, **7**: .

Kumar, L., Sreenivasa Reddy, M., Managuli, R.S., dan Pai K., G., 2015. Full Factorial Design for Optimization, Development and Validation of HPLC Method to Determine Valsartan in Nanoparticles. *Saudi Pharmaceutical Journal*, **23**: 549–555.

Kumar, P., Barrett, D.M., Delwiche, M.J., dan Stroeve, P., 2009. Methods for Pretreatment of Lignocellulosic Biomass for Efficient Hydrolysis and Biofuel Production. *Industrial & Engineering Chemistry Research*, **48**: 3713–3729.

Lee, D.-J., Jangam, S., dan Mujumdar, A.S., 2013. Some Recent Advances in Drying Technologies to Produce Particulate Solids. *KONA Powder and Particle Journal*, **30**: 69–83.

Li, J., Wang, Z., Xiu, H., Zhao, X., Ma, F., Liu, L., dkk., 2022. Correlation Between the Powder Characteristics and Particle Morphology of Microcrystalline Cellulose (MCC) and Its Tablet Application Performance. *Powder Technology*, **399**: 117194.

LPPT, 2025. Lembar Kerja RDP/5.10.2/LPPT.

Małachowska, E., Pawcenis, D., Dańczak, J., Paczkowska, J., dan Przybysz, K., 2021. Paper Ageing: The Effect of Paper Chemical Composition on Hydrolysis and Oxidation. *Polymers*, **13**: 1029.

Mangunwardoyo, W., Lestari, Y.P.I., Suryadi, H., Yanuar, A., dan Suryadi, Herman, 2020. Characterization of Kapok Pericarpium Microcrystalline Cellulose Produced of Enzymatic Hydrolysis Using Purified Cellulase From Termite (Macrotermes Gilvus). *International Journal of Pharmacy and Pharmaceutical Sciences*, 7–14.

Matin, H.H.A., Syafrudin, S., dan Suherman, S., 2023. Rice Husk Waste: Impact on Environmental Health and Potential as Biogas. *Jurnal Kesehatan Masyarakat*, **18**: 431–436.

Monschein, M., Reisinger, C., dan Nidetzky, B., 2013. Enzymatic Hydrolysis of Microcrystalline Cellulose and Pretreated Wheat Straw: A Detailed Comparison Using Convenient Kinetic Analysis. *Bioresource Technology*, **128**: 679–687.

Muhaimin, M., Wiyantoko, B., Putri, R., dan Rusitasari, R., 2018. 'Determination of Order Reaction on Hydrolysis Reaction of Pineapple Leaf', . Dipresentasikan pada AIP Conference Proceedings, hal. 020050.

Nang Vu, A., Hoang Nguyen, L., Yoshimura, K., Duy Tran, T., dan Van Le, H., 2024. Cellulose Nanocrystals Isolated from Sugarcane Bagasse Using The Formic/Peroxyformic Acid Process: Structural, Chemical, and Thermal Properties. *Arabian Journal of Chemistry*, **17**: 105841.

Nguyen, X., 2004. 'Process for Preparing Microcrystalline Cellulose', [*patent*] US20040074615A1.

Nwachukwu, N. dan Ofoefule, S.I., 2020. Effect of Drying Methods on The Powder and Compaction Properties of Microcrystalline Cellulose Derived from *Gossypium herbaceum*. *Brazilian Journal of Pharmaceutical Sciences*, **56**: e18660.

Ohwoavworhua, F.O., Mitchell, J.W., dan Okhamafe, A.O., 2019. Rice Husk As a Sustainable Source of Microcrystalline cellulose: pharmacopoeial, crystalline and spectroscopic characteristics. *Drug Discovery*, **13**: 79–87.

OIV, 2025a. Arsenic- Determination by AAS.

OIV, 2025b. Lead- Determination by AAS.

OIV, 2025c. Cadmium- Determination by AAS.

Oliveira, J.P.D., Bruni, G.P., Lima, K.O., Halal, S.L.M.E., Rosa, G.S.D., Dias, A.R.G., dkk., 2017. Cellulose Fibers Extracted from Rice and Oat Husks and Their Application in Hydrogel. *Food Chemistry*, **221**: 153–160.

Permata, D.A., Kasim, A., Asben, A., dan Yusniwati, 2021. Delignification of Lignocellulosic Biomass. *World Journal of Advanced Research and Reviews*, **12**: 462–469.

Permenkes, 2020. Peraturan Menteri Kesehatan Republik Indonesia Nomor 21 Tahun 2020 tentang Rencana Strategis Kementerian Kesehatan Tahun 2020-2024.

Poulose, A., Parameswaranpillai, J., George, J., Gopi, J., Krishnasamy, S., Dominic, M., dkk., 2022. Nanocellulose: A Fundamental Material for Science and Technology Applications. *Molecules*, **27**: 8032.

Prayoga, W.N.A., Aziz, A.A., Syahrir, A., dan Pitaloka, A.B., 2023. Optimization of Microcrystalline Cellulose from Bagasse (Saccharum officinarum) by Acid Hydrolysis. *World Chemical Engineering Journal*, **7**: 61–64.

Prosvirnikov, D., Safin, R., dan Zakirov, S.R., 2018. Microcrystalline Cellulose Based on Cellulose Containing Raw Material Modified by Steam Explosion Treatment. *Solid State Phenomena*, **284**: 773–778.

Putranto, A.W., Abida, S.H., Adrebi, K., dan Harianti, A., 2020. Lignocellulosic Analysis of Corncob Biomass by Using Non-Thermal Pulsed Electric Field-NaOH Pretreatment. *Reaktor*, **20**: 183–191.

Qian, M., Lei, H., Villota, E., Mateo, W., Zhao, Y., Huo, E., dkk., 2019. Optimization of Delignification from Douglas Fir Sawdust by Alkaline Pretreatment with Sodium Hydroxide and Its Effect on Structural and

Chemical Properties of Lignin and Pyrolysis Products. *Bioresource Technology Reports*, **8**: 100339.

Qian, Y., Chen, Y., Jiang, Y., dan Zhang, L., 2007. A Clean Production Process of Sodium Chlorite from Sodium Chlorate. *Journal of Cleaner Production*, **15**: 920–926.

Rana, Md.M. dan De la Hoz Siegler, H., 2023. Influence of Ionic Liquid (IL) Treatment Conditions in The Regeneration of Cellulose with Different Crystallinity. *Journal of Materials Research*, **38**: 328–336.

Rashid, S. dan Dutta, H., 2020. Characterization of Nanocellulose Extracted from Short, Medium and Long Grain Rice Husks. *Industrial Crops and Products*, **154**: 112627.

Raudhatussyarifah, R., Sediawan, W.B., Azis, M.M., dan Hartati, I., 2022. Microcrystalline Cellulose Production by Acid Hydrolysis of Hydrotropic Rice Straw Pulp. *IOP Conference Series: Earth and Environmental Science*, **963**: 012055.

Ren, H., Shen, J., Pei, J., Wang, Z., Peng, Z., Fu, S., dkk., 2019. Characteristic Microcrystalline Cellulose Extracted by Combined Acid and Enzyme Hydrolysis of Sweet Sorghum. *Cellulose*, **26**: 8367–8381.

Roquette, 2024. Roquette-Product Specifications Sheet-Microcel® 101 SD.

Sahoo, S., 2020. *Pharmaceutical Engineering*. Institute of Pharmaceutical Science, Rourkela, Odisha.

Sayakulu, N.F. dan Soloi, S., 2021. 'The Effect of Sodium Hydroxide (NaOH) Concentration on Oil Palm Empty Fruit Bunch (OPEFB) Cellulose Yield', , dalam: *Journal of Physics : Conferrence Paper*. Dipresentasikan pada 14th Seminar on Science and Technology 2021, IOP Publishing, Malaysia.

Sembada, A.A., 2022. Delignification of Cinnamon Bark (Cinnamomum verum) with Pre-treatment by NaOH to Increase Cellulose and Hemicellulose Recovery. *Quagga: Jurnal Pendidikan dan Biologi*, **14**: 73–76.

Setiawan, A., 2022. Keanekaragaman Hayati Indonesia: Masalah dan Upaya Konservasinya. *Indonesian Journal of Conservation*, **11**: 13–21.

Sheskey, P.J., Cook, W.G., dan Cable, C.G., 2017. *Handbook of Pharmaceutical Excipients*, 8th ed. ed. Pharmaceutical press American pharmacists association, London Washington (D.C.).

Sim, B., Bae, D.H., Choi, H.J., Choi, K., Islam, Md.S., dan Kao, N., 2016. Fabrication and stimuli response of rice husk-based microcrystalline cellulose particle suspension under electric fields. *Cellulose*, **23**: 185–197.

Sitinjak, J., Nasution, H., dan Lubis, M., 2019. 'The Effect of Delignification Time on \% Yield of Alpha-cellulose from Bamboo Fiber (Bambuseae) Properties:', , dalam: *Proceedings of the 1st International MIPAnet Conference on Science and Mathematics*. Dipresentasikan pada The International MIPAnet Conference on Science and Mathematics (IMC-SciMath), SCITEPRESS - Science and Technology Publications, Medan, Indonesia, hal. 190–195.

Skelly, J.K., 1960. The Theory and Practice of Sodium Chlorite Bleaching. *The Journal of The Society of Dryers and Colourists*, **76**: 469–479.

Skocze, A., Sawicki, A., dan Konkol, A., 2017. Influence of Microcrystalline Cellulose Modification on The Physical Parameters' Stability of Directly Compressed Placebo Tablets. *Acta Poloniae Pharmaceutica-Drug Research*, **4**: 267–275.

Snehal, W. dan Nitiin, K., 2014. Microwave and Its Role in Pharmaceutical Sector : A Review. *International Journal of Research and Development in Pharmacy and Life Sciences*, **3**: 1128–1135.

Srivastava, S. dan Mathur, G., 2025. Investigating The Effect of Alkali Treatment on Physicochemical Characteristics of Bacterial Cellulose Synthesized by *Komagataeibacter saccharivorans* BC-G1. *The Microbe*, **7**: 100340.

Sukara, E., 2005. Keanekaragaman Hayati (Emas Hijau) alternatif Bagi Indonesia Keluar dari Krisis Multidimensi. *Berita Biologi*, , 6 **7**: vii–xx.

Sulaiman, T.N.S., Wahyuono, W., Bestari, A.N., dan Aziza, F.N., 2022. Preparation and Characterization of Pregelatinized Sago Starch (PSS) from Native Sago Starch (NSS) (Metroxylon sp.) and its Evaluation as Tablet Disintegrant and

Filler-Binder on Direct Compression Tablet. *Indonesian Journal of Pharmacy*, 251–260.

Supian, M.A.F., Mohamad, S., Amin, K.N.M., Jamari, S.S., Zakaria, J., Ali, M.F., dkk., 2020. Effect of Different Bleaching Reagents and Process Sequences on The Properties of Steam-Exploded Empty Fruit Bunch (EFB) Fiber. *IOP Conference Series: Materials Science and Engineering*, **778**: 012015.

Susi, S., Ainuri, M., Wagiman, W., dan Falah, M.A.F., 2022. Effect of Delignification and Bleaching Stages on Cellulose Purity of Oil Palm Empty Fruit Bunches. *IOP Conference Series: Earth and Environmental Science*, **1116**: 012018.

Sutiya, B., Istikowati, W.T., dan Rahmadi, A., 2012. Kandungan Kimia dan Sifat Serat Alang-alang (Imperata cylindrica) Sebagai Gambaran Bahan Baku Pulp dan Kertas.

Tan, W.Y., Gopinath, S.C.B., Anbu, P., Velusamy, P., Gunny, A.A.N., Chen, Y., dkk., 2023. Generation of Microcrystalline Cellulose from Cotton Waste and Its Properties. *BioResources*, **18**: 4884–4896.

Tanis, M.H., Wallberg, O., Galbe, M., dan Al-Rudainy, B., 2024. Lignin Extraction by Using Two-Step Fractionation: A Review. *Molecules*, **29**: 98.

Trache, D., Hussin, M.H., Hui Chuin, C.T., Sabar, S., Fazita, M.R.N., Taiwo, O.F.A., dkk., 2016. Microcrystalline Cellulose: Isolation, Characterization and Bio-Composites Application—A Review. *International Journal of Biological Macromolecules*, **93**: 789–804.

USP-NF, 2024a. <1174> Powder Flow.

USP-NF, 2024b. Microcrystalline Cellulose.

USP-NF, 2024c. <786> Particle Size Distribution Estimation by Analytical Sieving.

USP-NF, 2024d. <197> Spectroscopic Identification Tests.

USP-NF, 2024e. <791> pH.

USP-NF, 2024f. <616> Bulk Density and Tapped Density of Powders.

USP-NF, 2024g. <1086>Impurities in Drug Subtances and Drug Product.

Uwaezuoke, O., Bamiro, O., Ngwuluka, N., Ajalla, O., dan Okinbaloye, A., 2014. Comparative Evaluation of the Disintegrant Properties of Rice Husk Cellulose, Corn Starch and Avicel in Metronidazole Tablet Formulation. *Journal of Applied Pharmaceutical Science*, .

Vela, D.R.M., Vizuete, R.F.Z., dan Mancheno, A.C.F., 2023. Implications of Particle Size in the Extraction of Cellulose from the Calamagrostis Intermedia Species. *Bionatura*, **8**: 1–10.

Vitasari, D., 2008. 'The Effect of Ozone Concentration on The Bleached Pulp Properties', , dalam: *Prosiding Seminar Nasional Teknoin*. Dipresentasikan pada Seminar Nasional Teknoin, Universitas Islam Indonesia, Yogyakarta, hal. 17–21.

Wan, J. dan Luo, C., 2024. Accumulation of Hydrogen Bonds and van der Waals Interactions Determines Force Response between Two Parallel Cellulose Chains: Steered Molecular Dynamics Simulations. *The Journal of Physical Chemistry B*, **128**: 6742–6750.

Wijaya, Y.P., Putra, R.D.D., Widyaya, V.T., Ha, J.-M., Suh, D.J., dan Kim, C.S., 2014. Comparative Study on Two-Step Concentrated Acid Hydrolysis for The Extraction of Sugars from Lignocellulosic Biomass. *Bioresource Technology*, **164**: 221–231.

Wiyantoko, B., Rusitasari, R., dan Putri, R.N., 2021. Study of Hydrolysis Process from Pineapple Leaf Fibers using Sulfuric Acid, Nitric Acid, and Bentonite Catalysts. *Bulletin of Chemical Reaction Engineering & Catalysis*, **16**: 571–580.

Wool, R.P., 2005. 16 - Lignin Polymers and Composites, dalam: Wool, R.P. dan Sun, X.S. (Editor), *Bio-Based Polymers and Composites*. Academic Press, Burlington, hal. 551–598.

Wu, Y., Levons, J., Narang, A.S., Raghavan, K., dan Rao, V.M., 2011. Reactive Impurities in Excipients: Profiling, Identification and Mitigation of Drug–Excipient Incompatibility. *AAPS PharmSciTech*, **12**: 1248–1263.

Yunus, M.A., Raya, I., dan Tuara, Z.I., 2019. Synthesis Cellulose From Rice Husk.

Zhao, H., Shi, C., Zhao, L., Wang, Y., dan Shen, L., 2022. Influences of Different Microcrystalline Cellulose (MCC) Grades on Tablet Quality and Compression Behavior of MCC-Lactose Binary Mixtures. *Journal of Drug Delivery Science and Technology*, **77**: 103893.

Zuliahani, A., Hanani, A.S.N., Nadhirah, R.N., dan Hazirah, A., 2017. Isolation and Characterization of Microcrystalline Cellulose (MCC) From Rice Husk (RH) and Kenaf : A Comparison Study. *Solid State Science and Technology*, **25**: .

Zulnazri, Putri, A.P., Dewi, R., Bahri, S., dan Sulhatun, 2022. Jurnal Teknologi Kimia Unimal. *Jurnal Teknologi Unimal*, **11**: 102–111.