

DAFTAR PUSTAKA

- American Society for Microbiology. 2012. *Starch Agar Protocol*. Retrieved from American Society for Microbiology: <https://asm.org/Protocols/Starch-Agar-Protocol> (17 Januari 2022).
- Asses, N., Ayed, L., Hkiri, N., & Hamdi, M. 2018. Congo Red Decolorization and Detoxification by *Aspergillus niger*: Removal Mechanisms and Dye Degradation Pathway. *BioMed research international*.
- Ayed, A. B., Hadrich, B., Sciara, G., Lomascolo, A., Bertrand, E., Faulds, C. B., Mechichi, H. Z., Record, E., & Mechichi, T. 2022. Optimization of the Decolorization of the Reactive Black 5 by a Laccase-like Active Cell-Free Supernatant from *Corioloopsis gallica*. *Microorganisms*, 10: 1137.
- Azmi, W., Sani, R. K., & Banerjee, U. C. 1998. Biodegradation of triphenylmethane dyes. *Enzyme and microbial technology*, 22: 185–191.
- Balish, E. 1973. Chlamydospore Production and Germ-Tube Formation by Auxotrophs of *Candida albicans*. *Applied Microbiology*, 25: 615-620.
- Banat, I. M., Nigam, P., Singh, D., & Marchant, R. 1996. Microbial decolorization of textile-dyecontaining effluents: A review. *Bioresource Technology*, 58: 217–227.
- Benkhaya, S., M'rabet, S., & El Harfi, A. 2020. Classifications, properties, recent synthesis and applications of azo dyes. *Heliyon*, 6: e03271.
- Chen, K. C., Wu, J. Y., Huang, C. C., Liang, Y. M., & Hwang, S. C. J. 2003. Decolorization of azo dye using PVA-immobilized microorganisms. *Journal of Biotechnology*, 101: 241–252.
- Chougule, A. S., Jadhav, S. B., & Jadhav, J. P. 2014. Microbial Degradation and Detoxification of Synthetic Dye Mixture by *Pseudomonas* sp. SUK 1. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*, 84: 1059–1068.
- Crini, G. & Lichtfouse, E. 2019. Advantages and disadvantages of techniques used for wastewater treatment. *Environmental Chemistry Letters*, 17: 145-155.
- Culp, S. J. & Beland, F. A. 1996. Malachite Green: A Toxicological Review. *Journal of the American College of Toxicology*, 15: 219-238.
- Deorukhkar, S. C., Saini, S., & Jadhav, P. A. 2012. Evaluation Of Different Media For Germ Tube Production Of *Candida albicans* And *Candida dubliniensis*. *IJBAR*, 3: 704-707.
- Derco, J., & Vrana, B. 2018. *Biosorption*. IntechOpen.
- Fashion Revolution. 2020. *The true cost of colour: The impact of textile dyes on water systems*. Retrieved from Fashion Revolution: <https://www.fashionrevolution.org/the-true-cost-of-colour-the-impact-of-textile-dyes-on-water-systems/> (9 Januari 2022).

- FDA. 2001. *BAM Media M40: Christensen's Urea Agar*. Retrieved from FDA: <https://www.fda.gov/food/laboratory-methods-food/bam-media-m40-christensens-urea-agar> (30 Juni 2022).
- Garcia, P. M. P., Calero, S. L. I., & Vasquez, R. E. 2017. Degradation of Synthetic Organic Dyes in Solution by Ferrate – Hypochlorite or Calcium Hypochlorite. *Investigación & Desarrollo*, 1: 43-53.
- Gladfelter Lab. 2021. *Yeast Extract Protocol*. Retrieved from The University Of North Carolina: <https://gladfelterlab.web.unc.edu/wp-content/uploads/sites/13745/2017/05/yeastextractprotocol.pdf> (9 Februari 2022).
- Gola, D., Namburath, M., Kumar, R., Kumari, A., Malik, A., & Ahammad, Z. 2015. Decolourization of the Azo dye (Direct Brilliant Blue) by the Isolated Bacterial Strain. *Journal of Basic and Applied Engineering Research*. 2: 1462-1465.
- Hernández-Zamora, M., Martínez-Jerónimo, F., Cristiani-Urbina, E., & Cañizares-Villanueva, R. O. 2016. Congo red dye affects survival and reproduction in the cladoceran *Ceriodaphnia dubia*. Effects of direct and dietary exposure. *Ecotoxicology*, 25: 1832–1840.
- Holkar, C. R., Jadhav, A. J., Pinjari, D. V., Mahamuni, N. M., & Pandit, A. B. 2016. A critical review on textile wastewater treatments: Possible approaches. *Journal of Environmental Management*, 182: 351–366.
- Jadhav, J. P., & Govindwar, S. P. 2006. Biotransformation of malachite green by *Saccharomyces cerevisiae* MTCC 463. *Yeast*, 23: 315–323.
- Jadhav, S. B., Yedurkar, S. M., Phugare, S. S., & Jadhav, J. P. 2012. Biodegradation Studies on Acid Violet 19, a Triphenylmethane Dye, by *Pseudomonas aeruginosa* BCH. *CLEAN - Soil, Air, Water*, 405: 551–558.
- Jafari, N., Kasra-Kermanshahi, R., & Souidi, M. R. 2013. Screening, identification and optimization of a yeast strain, *Candida palmiophila* JKS4, capable of azo dye decolorization. *Iranian journal of microbiology*, 5: 434–440.
- John, J., Dineshram, R., Hemalatha, K. R., Dhassiah, M. P., Gopal, D., & Kumar, A. 2020. Bio-Decolorization of Synthetic Dyes by a Halophilic Bacterium *Salinivibrio* sp. *Frontiers in Microbiology*, 11.
- Kansas State University. 1999. *Laboratory Methods*. Retrieved from Kansas State University: <https://www.phys.ksu.edu/gene/g1.html> (20 Juni 2022).
- Khan, R., Bhawana, P., & Fulekar, M. H. 2012. Microbial decolorization and degradation of synthetic dyes: a review. *Reviews in Environmental Science and Bio/Technology*, 12: 75–97.
- Kumar, A., Dixit, U., Singh, K., Gupta, S. P., & Beg, M. S. J. 2021. Structure and properties of dyes and pigments. *Dyes and Pigments - Novel Applications and Waste Treatment*.

- Law, S. V., Abu Bakar, F., Mat Hashim, D. & Abdul Hamid, A. 2011. Popular fermented foods and beverages in Southeast Asia. *International Food Research Journal*, 18: 475-484.
- Leck A. 1999. Preparation of lactophenol cotton blue slide mounts. *Community eye health*, 12: 24.
- Lellis, B., Fávaro-Polonio, C. Z., Pamphile, J. A., & Polonio, J. C. 2019. Effects of textile dyes on health and the environment and bioremediation potential of living organisms. *Biotechnology Research and Innovation*, 3: 275-290.
- LibreTexts. 2021. *Aseptic Technique, Dilution, Streaking, and Spread Plates*. Retrieved from Libretexts: <https://bio.libretexts.org/@go/page/9165> (15 Januari 2022).
- LibreTexts. 2021. *Bacterial Colony Morphology*. Retrieved from Libretexts: <https://bio.libretexts.org/@go/page/3484> (17 Januari 2022).
- Litefti, K., Freire, M. S., Stitou, M., & González-Álvarez, J. 2019. Adsorption of an anionic dye (Congo red) from aqueous solutions by pine bark. *Scientific Reports*: 9.
- MacWilliams, M. P. & Liao, M. K. 2006. Luria Broth (LB) and Luria Agar (LA) Media and Their Uses Protocol. *American Society for Microbiology*.
- Mahmoud, M. S. 2016. Decolorization of certain reactive dye from aqueous solution using Baker's Yeast (*Saccharomyces cerevisiae*) strain. *HBRC Journal*, 12: 88–98.
- Merck. 2022. *Nutrient agar*. Retrieved from Merck: https://www.merckmillipore.com/ID/id/product/Nutrient-agar,MDA_CHEM-105450 (15 Januari 2022).
- Merck. 2022. *Tryptic Soy Broth*. Retrieved from Merck: https://www.sigmaaldrich.com/ID/en/product/sial/t8907?gclid=Cj0KCQiAi9mPBhCJARIsAHchl1zb aGwAOt3YzuECK1tj03UUjPJ2EOOhMZcg7XzcavU5j3KZleOsAfoaAqHTEALw_wcB (29 Januari 2022).
- Michigan State University. 2013. *Visible and Ultraviolet Spectroscopy*. Retrieved from Michigan State University: <https://www2.chemistry.msu.edu/faculty/reusch/virttxtjml/spectrpy/uv-vis/spectrum.htm> (24 juli 2022).
- Mussa, R. 2014. Kajian Tentang Lama Fermentasi Nira Aren (*Arenga Pinnata*) Terhadap Kelimpahan Mikroba dan Kualitas Organoleptik Tuak. *Jurnal Biologi, Pendidikan Dan Terapan*, 1: 56-60.
- Nafian, M. I. 2020. *35% Warga DKI Masih Gunakan Air Tanah, PAM Jaya: Aspek Lingkungan Terganggu*. Retrieved from DetikNews: <https://news.detik.com/berita/d-5306804/35-warga-dki-masih-gunakan-air-tanah-pam-jaya-aspek-lingkungan-terganggu> (25 Januari 2022).
- Sabnis, R. W. 2010. Phthalein Dyes. *Kirk-Othmer Encyclopedia of Chemical Technology*.
- Safewater. 2022. *Conventional Water Treatment: Coagulation and Filtration*. Retrieved from Safe Drinking Water Foundation: <https://www.safewater.org/fact-sheets-1/2017/1/23/conventional-water-treatment> (12 Januari 2022).

- Sandven, P. 1990. Laboratory identification and sensitivity testing of yeast isolates. *Acta Odontologica Scandinavica*, 48: 27–36.
- Sheppard, D. C., Locas, M. C., Restieri, C., & Laverdiere, M. 2008. Utility of the germ tube test for direct identification of *Candida albicans* from positive blood culture bottles. *Journal of clinical microbiology*, 46: 3508–3509.
- Sulmiyati, Said, N. S., Fahrodi, D. U., Malaka, R., & Maruddin, F. 2019. The Characteristics Yeast Isolated from Commercial Kefir Grain. *Hasanuddin Journal of Animal Science*, 1: 26-37.
- Surono, I. S. 2016. Ethnic Fermented Foods and Beverages of Indonesia. *Ethnic Fermented Foods and Alcoholic Beverages of Asia*, 341–382.
- Surpățeanu, M. & Zaharia, C. 2004. Advanced oxidation processes for decolorization of aqueous solution containing acid red G azo dye. *Open Chemistry*, 2: 573-588.
- Taskin, M., & Erdal, S. 2010. Reactive dye bioaccumulation by fungus *Aspergillus niger* isolated from the effluent of sugar fabric-contaminated soil. *Toxicology and industrial health*, 26: 239–247.
- Thiel, T. 1999. *Nutrient Agar Plates and Slants*. Retrieved from UMSL: <https://www.umsl.edu/microbes/files/pdfs/nutrientagar.pdf> (16 Februari 2022).
- TM Media. 2022. *Sabouraud Dextrose Agar*. Retrieved from TM Media: <https://www.tmmedia.in/product/sabouraud-dextrose-agar-3/> (28 Januari 2022).
- Tracey, R. P., & Simpson, E. K. 2017. Effect of Rehydration Temperature of Active Dried Yeast on Wine Production and quality. *South African Journal of Enology and Viticulture*, 7: 66-70.
- Universitas Pertamina. 2021. *Ini Solusi Kurangi Pencemaran Limbah Tekstil*. Retrieved from Universitas Pertamina: <https://universitaspertamina.ac.id/berita/detail/ini-solusi-kurangi-pencemaran-limbah-tekstil> (9 Januari 2022).
- USCCN. 2022. *CBS List of Media*. Retrieved from USCCN: <https://usccn.org/wp-content/uploads/2020/08/CBS-media-list.pdf> (15 Januari 2022).
- USDA. 2022. *Media Recipes*. Retrieved from USDA: https://www.ars.usda.gov/ARUserFiles/80620520/media_recipes.pdf (28 Januari 2022).
- Yoo, W. & Ahn. C. 2019. Dyeing Behavior of Silk Dyed with Indigo Leaf Powder Using Reduction and Nonreduction Dyeing and Its Relationship with the Amount of Indigotin and Indirubin Adsorbed in Silk. *Journal of the Korean Society of Clothing and Textiles*, 43: 753-767.