

DAFTAR PUSTAKA

- Abdlaty, R. dan Fang, Q., 2021. Skin erythema assessment techniques. *Clinics in Dermatology*, **39**: 591–604.
- Addor, F.A.S., 2017. Antioxidants in dermatology. *Anais Brasileiros de Dermatologia*, **92**: 356–362.
- Alam, N., Yoon, K.-N., Lee, K.-R., Shin, P.-G., Cheong, J.-C., Yoo, Y.-B., dkk., 2010. Antioxidant Activities and Tyrosinase Inhibitory Effects of Different Extracts from *Pleurotus ostreatus* Fruiting Bodies. *Mycobiology*, **38**: 295–301.
- Alam, S., Algahtani, M.S., Ahmad, M.Z., dan Ahmad, J., 2020. Investigation Utilizing the HLB Concept for the Development of Moisturizing Cream and Lotion: In-Vitro Characterization and Stability Evaluation. *Cosmetics*, **7**: 43.
- Allen Jr., L.V. dan Ansel, H.C., 2014. *Ansel's Pharmaceutical Dosage Forms and Drug Delivery System*. Lippincot Williams & Wilkins, Philadelphia.
- Andersen, F.A., 1999. Final Report on the Safety Assessment of Cetareth-2, -3, -4, -5, -6, -7, -8, -9, -10, -11, -12, -13, -14, -15, -16, -17, -18, -20, -22, -23, -24, -25, -27, -28, -29, -30, -33, -34, -40, -50, -55, -60, -80, and -100. *International Journal of Toxicology*, **18**: 41–49.
- Ashraf Khan, A., Gani, A., Masoodi, F.A., Mushtaq, U., dan Silotry Naik, A., 2017. Structural, rheological, antioxidant, and functional properties of β -glucan extracted from edible mushrooms *Agaricus bisporus*, *Pleurotus ostreatus* and *Coprinus attrimentarius*. *Bioactive Carbohydrates and Dietary Fibre*, **11**: 67–74.
- Astutik, A.P., Qonitah, F., dan Farmasi, P., 2023. FORMULASI HANDBODY LOTION EKSTRAK KULIT BUAH NAGA MERAH (*Hylocereus monacanthus*) SEBAGAI TABIR SURYA. *Jurnal Farmasi Sains dan Kesehatan*, **01**: 6–13.
- Asworo, R.Y. dan Widwiasuti, H., 2023. Pengaruh Ukuran Serbuk Simplisia dan Waktu Maserasi terhadap Aktivitas Antioksidan Ekstrak Kulit Sirsak. *Indonesian Journal of Pharmaceutical Education*, **3**: .
- Bakir, T., Karadeniz, M., dan Unal, S., 2018. Investigation of antioxidant activities of *Pleurotus ostreatus* stored at different temperatures. *Food Science & Nutrition*, **6**: 1040–1044.
- Ballmann, C. dan Müller, B.W., 2008. Stabilizing Effect of Cetostearyl Alcohol and Glycerylmonstearate as Co-emulsifiers on Hydrocarbon-free O/W Glyceride Creams. *Pharmaceutical Development and Technology*, **13**: 433–445.

- Bawadekji, A., Mridha, M., Al Ali, M., dan Jamith Basha, W., 2017. Antimicrobial Activities of Oyster Mushroom *Pleurotus ostreatus* (Jacq. ex. Fr.) Kummer. *Journal of Applied Environmental and Biological Sciences, TextRoad Publication*, **7**: 227–231.
- Becker, L.C., Bergfeld, W.F., Belsito, D.V., Hill, R.A., Klaassen, C.D., Liebler, D.C., dkk., 2019. Safety Assessment of Glycerin as Used in Cosmetics. *International Journal of Toxicology*, **38**: 6S-22S.
- BPOM, 2019. Peraturan Badan Pengawas Obat dan Makanan Nomor 23 Tahun 2019.
- Buhse, L., Kolinski, R., Westenberger, B., Wokovich, A., Spencer, J., Chen, C.W., dkk., 2005. Topical drug classification. *International Journal of Pharmaceutics*, **295**: 101–112.
- Chen, J., Liu, Y., Zhao, Z., dan Qiu, J., 2021. Oxidative stress in the skin: Impact and related protection. *International Journal of Cosmetic Science*, **43**: 495–509.
- Chubierre, B., Araviiskaia, E., Bieber, T., dan Barbaud, A., 2019. Mineral oils and waxes in cosmetics: an overview mainly based on the current European regulations and the safety profile of these compounds. *Journal of the European Academy of Dermatology and Venereology*, **33**: 5–14.
- Daud, N.S., Musdalipah, M., dan Idayati, I., 2018. Optimasi Formula Lotion Tabir Surya Ekstrak Kulit Buah Naga Super Merah (*Hylocereus costaricensis*) Menggunakan Metode Desain D-Optimal. *Jurnal Sains Farmasi & Klinis*, **5**: 72.
- Deepalakshmi, K. dan Mirunalini, S., 2014. *Pleurotus ostreatus*: an oyster mushroom with nutritional and medicinal properties. *Journal of Biochemical Technology*, **5**: 718–726.
- Dicks, L. dan Ellinger, S., 2020. Effect of the Intake of Oyster Mushrooms (*Pleurotus ostreatus*) on Cardiometabolic Parameters—A Systematic Review of Clinical Trials. *Nutrients*, **12**: 1134.
- Egra, S., Irawan Wijaya Kusuma, Enos Tangke Arung, dan Harlinda Kuspradini, 2019. The potential of white-oyster mushroom (*Pleurotus ostreatus*) as antimicrobial and natural antioxidant. *Biofarmasi Journal of Natural Product Biochemistry*, **17**: 17–23.
- Fang, H., Ni, K., Wu, J., Li, J., Huang, L., dan Reible, D., 2019. The effects of hydrogen bonding on the shear viscosity of liquid water. *International Journal of Sediment Research*, **34**: 8–13.

- Forrester, S.J., Kikuchi, D.S., Hernandez, M.S., Xu, Q., dan Griendling, K.K., 2018. Reactive Oxygen Species in Metabolic and Inflammatory Signaling. *Circulation Research*, **122**: 877–902.
- Fransiska, D., Darmawan, M., Sinurat, E., Sedayu, B.B., Wardhana, Y.W., Herdiana, Y., dkk., 2021. Characteristics of Oil in Water (o/w) Type Lotions Incorporated with Kappa/Iota Carrageenan. *IOP Conference Series: Earth and Environmental Science*, **715**: 012050.
- Gupta, K.K., Agarwal, S., Kushwaha, A., Maurya, S., Chaturvedi, V.K., Pathak, R.K., dkk., 2017. OYSTER MUSHROOM: A RICH SOURCE OF ANTIOXIDANTS. *Nova Science Publisher, Inc.*, 43–57.
- Hapsari, R., Elya, B., dan Amin, J., 2012. Formulation and evaluation of antioxidant and tyrosinase inhibitory effect from gel containing the 70% ethanolic *Pleurotus ostreatus* extract. *International Journal of Medicinal and Aromatic Plants*, **2**: 135–140.
- Irianto, I.D.K., Purwanto, P., dan Mardan, M.T., 2020. Aktivitas Antibakteri dan Uji Sifat Fisik Sediaan Gel Dekokta Sirih Hijau (*Piper betle* L.) Sebagai Alternatif Pengobatan Mastitis Sapi. *Majalah Farmaseutik*, **16**: 202.
- Iwalokun, B. A., Usen, U. A., Otunba, A. A., dkk., 2007. Comparative phytochemical evaluation, antimicrobial and antioxidant properties of *Pleurotus ostreatus*. *African Journal of Biotechnology*, **6**: 1732–1739.
- Jayakumar, T., Thomas, P.A., dan Geraldine, P., 2009. In-vitro antioxidant activities of an ethanolic extract of the oyster mushroom, *Pleurotus ostreatus*. *Innovative Food Science & Emerging Technologies*, **10**: 228–234.
- Jayanti, M., Ulfa, A.M., dan Yasir, A.S., 2021. The Formulation and Physical Evaluation Tests of Ethanol in Telang Flower (*Clitoria ternatea* L.) Extract Losio Form as Antioxidant. *Biomedical Journal of Indonesia*, **7**: 488–495.
- Jayasuriya, W.J.A.B.N., Handunnetti, S.M., Wanigatunge, C.A., Fernando, G.H., Abeytunga, D.T.U., dan Suresh, T.S., 2020. Anti-Inflammatory Activity of *Pleurotus ostreatus*, a Culinary Medicinal Mushroom, in Wistar Rats. *Evidence-Based Complementary and Alternative Medicine*, **2020**: 1–9.
- Kalaras, M.D., Richie, J.P., Calcagnotto, A., dan Beelman, R.B., 2017. Mushrooms: A rich source of the antioxidants ergothioneine and glutathione. *Food Chemistry*, **233**: 429–433.
- Kementerian Kesehatan RI, 2020. *Farmakope Indonesia*, VI. ed. Kemenkes RI, Jakarta.
- Li, Y. dan Li, L., 2021. Contact Dermatitis: Classifications and Management. *Clinical Reviews in Allergy & Immunology*, **61**: 245–281.

- Listiani, P.A.R., Indraswari, P.I.I., dan Ferrandani, N.P., 2023. Formulasi dan uji aktivitas sediaan lotion tabir surya ekstrak etanol 96% bekatul beras merah (*Oryza nivara*). *Sasambo Journal of Pharmacy*, **4**: 107–113.
- Mayangsari, F.D., Pratiwi, E.D., Sari, D.I.K., dan Aula Nurwanda, F.S., 2023. Formulasi Krim Deodoran-Antiperspiran Alami yang Mengandung Kombinasi Minyak Atsiri Sebagai Pengaroma. *Majalah Farmasetika*, **9**: 91.
- Munteanu, I.G. dan Apetrei, C., 2021. Analytical Methods Used in Determining Antioxidant Activity: A Review. *International Journal of Molecular Sciences*, **22**: 3380.
- Nakai, K. dan Tsuruta, D., 2021. What Are Reactive Oxygen Species, Free Radicals, and Oxidative Stress in Skin Diseases? *International Journal of Molecular Sciences*, **22**: 10799.
- Nawang Sari, D., Prabandari, R., dan Kurniasih, K.I., 2023. Uji Stabilitas dan Uji Iritasi Lotion Ekstrak Daun Sirih dengan Variasi Konsentrasi Trietanolamin. *Journal of Pharmaceutical and Sciences*, **6**: 370–380.
- Nawawi, R.H., 2012. Uji Aktivitas, Stabilitas Fisik dan Keamanan Sediaan Gel Pencerah Kulit yang Mengandung Ekstrak Jamur Tiram (*Pleurotus ostreatus*).
- Nita, M. dan Grzybowski, A., 2016. The Role of the Reactive Oxygen Species and Oxidative Stress in the Pathomechanism of the Age-Related Ocular Diseases and Other Pathologies of the Anterior and Posterior Eye Segments in Adults. *Oxidative Medicine and Cellular Longevity*, **2016**: 1–23.
- Novak-Bilić, G., 2018. Irritant and Allergic Contact Dermatitis – Skin Lesion Characteristics. *Acta Clinica Croatica*, **57**: 713–720.
- Nugrahaeni, F., Yati, K., dan Sukmara, 2023. Pengaruh Variasi Gliseril Monostearat pada Krim Ekstrak Kulit Buah Naga Super Merah (*Hylocereus costaricensis* Britt. Et R.) dan Uji Antioksidannya. *Jurnal Kefarmasian Indonesia*, **13**: 20–29.
- Nugroho, R.G., 2023. OPTIMASI CREMOPHOR A6 DAN CREMOPHOR A25 DALAM FORMULASI KRIM ANTIOKSIDAN EKSTRAK ETANOL 70% JAMUR TIRAM (*Pleurotus ostreatus*).
- Patel, K. dan Nixon, R., 2022. Irritant Contact Dermatitis — a Review. *Current Dermatology Reports*, **11**: 41–51.
- Permatasari, W., Dayanti, D., Khaerunnisa, I., dan Winarni, S., 2020. Literatur Review: The New Super Antioxidant, Ergothioneine In *Pleurotus ostreatus*. *The International Journal of Health, Education, and Social (IJHES)*, **3**: .

- Pielak, R.M. dan Maibach, H.I., 2022. Skin Surface pH and its Implications in Skin Health, dalam: *Handbook of Cosmetic Science and Technology*. CRC Press, Boca Raton, hal. 363–368.
- Poljsak, B., Šuput, D., dan Milisav, I., 2013. Achieving the Balance between ROS and Antioxidants: When to Use the Synthetic Antioxidants. *Oxidative Medicine and Cellular Longevity*, **2013**: 1–11.
- Premkumar, J., Adheen Usaid, A.S., dan Ranganathan, T.V., 2014. Emulsion and it's Applications in Food Processing – A Review. *Int. Journal of Engineering Research and Applications*, **4**: 241–248.
- Rahimah, S.B., Djunaedi, D.D., Soeroto, A.Y., dan Bisri, T., 2019. The The Phytochemical Screening, Total Phenolic Contents and Antioxidant Activities in Vitro of White Oyster Mushroom (*Pleurotus Ostreatus*) Preparations. *Open Access Macedonian Journal of Medical Sciences*, **7**: 2404–2412.
- Rinnerthaler, M., Bischof, J., Streubel, M., Trost, A., dan Richter, K., 2015. Oxidative Stress in Aging Human Skin. *Biomolecules*, **5**: 545–589.
- Rowe, R.C., Sheskey, P.J., dan Quinn, M.E., 2009. *Handbook of Pharmaceutical Excipients*, 6th ed. ed. Pharmaceutical press, London.
- Sarathchandraprakash, N.K., Mahendra, C., Prashanth, S.J., Manral, K., Babu, U.V., dan Gowda, D.V.S., 2013. Emulsions and emulsifiers. *The Asian Journal of Experimental Chemistry*, **8**: 30–45.
- Soberao, Y.R.C., Sánchez, J.D., Paneque, L.C., dan Sánchez, A.P., 2022. Culture media used in the proliferation of edible mushrooms of the PLEUROTUS genus. *Nexo Revista Científica*, **35**: 881–894.
- Stamatas, G.N. dan Kollias, N., 2007. In vivo documentation of cutaneous inflammation using spectral imaging. *Journal of Biomedical Optics*, **12**: 051603.
- Suena, N.M.D.S., Wardani, I.G.A.A.K., dan Antari, N.P.U., 2023. Formulasi Masker Peel Off Ekstrak Buah Naga Merah (*Hylocereus lemairei* Hook.) dan Pati Jagung dengan Variasi Konsentrasi Polyvinyl Alcohol (PVA). *Jurnal Ilmiah Medicamento*, **9**: 127–136.
- Sukweenadhi, J., Yunita, O., Setiawan, F., Siagian, M.T., Danduru, A.P., dan Avanti, C., 2020. Antioxidant activity screening of seven Indonesian herbal extract. *Biodiversitas Journal of Biological Diversity*, **21**: 2062–2067.
- Syaputri, F.N., Mulya, R.A., Tugon, T.D.A., dan Wulandari, F., 2023. Formulasi dan Uji Karakteristik Handbody Lotion yang Mengandung Ekstrak Etanol Daun Sirih Merah (*Piper crocatum*). *FARMASIS: Jurnal Sains Farmasi*, **4**: 13–22.

- Tania, D., Marchaban, dan Kuswahyuning, R., 2020. Water-in-Oil-in Water (W/O/W) Double Emulsion Formulations using Variation Concentration of Carboxymethyl Cellulose Sodium. *Journal of Food and Pharmaceutical Sciences*, 284–293.
- Taofiq, O., Heleno, S., Calhelha, R., Alves, M., Barros, L., Barreiro, M., dkk., 2016. Development of Mushroom-Based Cosmeceutical Formulations with Anti-Inflammatory, Anti-Tyrosinase, Antioxidant, and Antibacterial Properties. *Molecules*, **21**: 1372.
- Ulfa, M., Himawan, A., dan Kalni, S.A., 2019. Formulation of Noni (*Morinda citrifolia* L.) Oil Lotion as Mosquito Repellent. *Journal of Pharmaceutical and Medicinal Sciences*, **4**: 38–43.
- Venkatakrishnan, V., Shenbhagaraman, R., Kaviyarasan, V., Gunasundari, D., Dandapani, R., dan Jagadish, L.K., 2010. ANTIOXIDANT AND ANTIPROLIFERATIVE EFFECT OF PLEUROTUS OSTREATUS. *Journal of Phytology*, **2**: 22–28.
- Yunilawati, R., Yemirta, Y., dan Komalasari, Y., 2011. Penggunaan Emulsifier Stearyl Alkohol Etoksilat Derivat Minyak Kelapa Sawit Pada Produk Losion Dan Krim. *Jurnal Kimia dan Kemasan*, **33**: 83.
- Yunita, E., Rinanda, A.A., dan Habibah, S.A.N., 2019. PENGARUH PENGGUNAAN KARBOPOL DAN CMC-Na TERHADAP SIFAT FISIK PADA FORMULASI LOTION EKSTRAK KULIT PISANG AMBON (*Musa paradisiaca* var *sapientum*). *Jurnal Kefarmasian Akfarindo*, **4**: 8–14.
- Zhao, Q., Liu, X., Cui, L., dan Ma, C., 2023. Extraction and bioactivities of the chemical composition from *Pleurotus ostreatus*: a review. *Journal of Future Foods*, **4**: 111–118.