

## DAFTAR PUSTAKA

- Addor, F. A. S. 2017. Review: Antioxidant in Dermatology. *Anais Brasileiros de Dermatologia*, 92(3): 356-362.
- Allen, L. V., dan Ansel, H. C. 2014. *Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems*, 10<sup>th</sup> ed. Wolter Kluwer Health: Baltimore.
- Ayu, S. I., Pratiwi, L., dan Nurbaeti, S. N. 2013. Uji Kualitatif Senyawa Fenol dan Flavonoid dalam Ekstrak n-heksan Daun Senggani (*Melastoma malabathricum* L.) Menggunakan Metode Kromatografi Lapis Tipis. *Jurnal Mahasiswa Farmasi Fakultas Kedokteran UNTAN*, 3(1).
- Bele, A. A., & Khale, A. 2011. An Overview on Thin Layer Chromatography. *International Journal of Pharmaceutical Sciences and Research*, 2(2): 256-267.
- Bernatoniene, J., Masteikova, R., Davalgienne, J., Peciura, R., Gauryliene, R., Bernatoniene, R., Majiene, D., Lazauskas, R., Civinskiene, G., Velziene, S., Muselik, J., dan Chalupova, Z. Topical Application of *Calendula officinalis* (L.): Formulation and Evaluation of Hydrophilic Cream with Antioxidant Activity. *Journal of Medicinal Plant Research*, 5(6): 868-877.
- Bogdan, C., Moldovan, M. L., Man, I. M., dan Crisan, M. 2016. Preliminary Study on The Development of an Antistretch Marks Water-in-oil Cream: Ultrasound Assessment, Texture Analysis, and Sensory Analysis. *Clinical, Cosmetic, and Investigational Dermatology*, 2016(9): 249-255.
- Bolton, S., & Bon, C. 2009. *Pharmaceutical Statistic Practical and Clinical Applications*, 5th. Ed., Marcel Dekker Inc: New York.
- BPOM. 2019. Peraturan Badan Pengawasan Obat dan Makanan Tahun 2019, I. Badan Pengawasan Obat dan Makanan: Jakarta.
- BPOM. 2020. FAQ Sertifikasi Saran Kosmetika. Direktorat Pengawasan Kosmetik: Jakarta.
- CABI. 2022. *Pleurotus ostreatus* (Oyster Mushroom). URL: <https://www.cabi.org/isc/datasheet/42037#totaxonomicTree>. Diakses pada 20 September 2022.
- Cai, L. 2014. *Current Protocols Essential Laboratory Techniques*. John Wiley & Sons, Inc: New York.
- Cecchi, L., Piazzini, V., D'Ambrosio, M., Luceri, C., Rocco, F., Innocenti, M., Vanti, G., Mulinacci, N., dan Bergonzi, M. C. 2020. Formulation of a Phenol-Rich Extract from Unripe Olives (*Olea europaea* L.) in Microemulsion to Improve Its Solubility and Intestinal Permeability. *Molecules*, 25: 1-18.
- de Araújo, E. R. D., Félix-Silva, J., Xavier-Santos, J. B., Fernandes, J. M., Guerra, G. C. B., de De Araújo, A. A., De Araújo, D. F. S., Ferreira, L. S., Júnior, A. A. S., Fernandes-Pedrosa, M. F., Zucolotto, S. M. 2019. Local anti-inflammatory activity: Topical Formulation containing *Kalanchoe brasiliensis* and *Kalanchoe pinnata* leaf aqueous extract. *Biomedicine & Pharmacotherapy*, 113: 1-9.

- Deepalakshmi, K., dan Mirunalini, S. 2014. *Pleurotus ostreatus*: an Oyster Mushroom with Nutritional and Medicinal Properties. *Journal of Biochemical Technology*, 5(2): 718-726.
- Dubost, N. J., Ou, B., & Beelman, R. B. 2007. Quantification of Polyphenols and Ergothioneine in Cultivated Mushroom and Correlation to Total Antioxidant Capacity. *Food Chemistry*, 105: 727-735.
- Egito, E. S. T., Machado, L. A., Farias, I. E. G., Silva, K. G. H., dan Oliveira, A. G. (2018). HLB Concept: A Way to Never Forget It. *Journal of Scientific dan Technical Research*, 10(4): 7958-7959.
- Evertte, J. D., Bryant, Q. M., Green, A. M., Abbey, Y. A., Wangila, G. W., Walker, R. B. 2010. Thorough Study of Reactivity of Various Compound Classes toward the Folin-Ciocalteu Reagent. *Journal of Agricultural and Food Chemistry*, 58: 8139-8144.
- Fernandez, P., Willenbacher, N., Frechen, T., Kühnle, A. 2005. *Vesicle as Rheology Modifier. Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 262: 204-210.
- Fitriansyah, S. N., & Gozali, D. 2014. Formulasi dan Evaluasi Fisik Sediaan Krim Pelembab *Dimethylsilanon Hyaluronate* Dengan Penambahan Basis Nano dan Fase Minyak Kelapa Murni.
- Garg, A., Aggarwal, D., Garg, S., Singla, A. K. 2002. Spreading of Semisolid Formulations: An Update. *Pharmaceutical Technology*, 26(9): 84-105
- Ginaris, R. P., Herowati, R., Sulaiman, T. N. S., 2021. Optimasi Formula Lotion Ekstrak Etanol Bunga Krisan (*Chrysanthemum cinerariifolium* (Trevir.) Vis.) menggunakan Kombinasi Asam Stearat dan Setil Alkohol sebagai Repelan dengan Metode *Simplex Lattice Design*. *Jurnal Farmasi Indonesia*, 19(1): 30-44.
- Griffin, W. C. 1949. *Classification of Surface-Active Agents by "HLB"*. Atlas Powder Company: Wilmington.
- Gupta, K. K., Agarwal, S., Kushwaha, A., Maurya, S., Chaturvedi, V. K., Pathak, R. K., Verma, V., Singh, M. P. 2017. Oyster Mushroom: a Rich Source of Antioxidant. *Nova Science Publisher Inc* : India.
- Hamsinah., Darijanto, D., dan Mauluddin, R. 2016. Uji Stabilitas Formulasi Krim Tabir Surya Serbuk Rumput Laut (*Eucheuma cottonii*. Doty). *Jurnal Fitofarmaka Indonesia*, 3(2): 155-158.
- 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(1): 135-140.
- ICH. 2003. Stability Testing of New Drug Substances and Products Q1A(R2).

- Irianto, I. D. K., Purwanto, Mardani, 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(2): 202-210.
- Ito, T., Kato, M., Tsuchida, H., Harada, E., Niwa, T., Osawa, T. 2011. Ergothioneine as an Anti-oxidative / Anti-inflammatory Component in Several Edible Mushrooms. *Food Science and Technology Research*, 17(2): 103–110.
- Jayakumar, T., Thomas, P. A., dan Geraldine, P. 2008. In-vitro antioxidant activities of an ethanolic extract of the oyster mushroom, *Pleurotus ostreatus*. *Journal of Innovative Food Science and Emerging Technologies*, 10(2009): 228-234
- Kalaras, M. D., Richie, J. P., Calcagnotto, A., Beelman, R. B. 2017. Mushrooms: a Rich Source of The Antioxidant, Ergothioneine, and Glutathione. *Food Chemistry*, 233: 429-433.
- Kao Corporation. 2015. *Safety Summary Polyoxyalkylene alkyl ether*. URL: [https://chemical.kao.com/global/sustainability/saicm/article\\_05/](https://chemical.kao.com/global/sustainability/saicm/article_05/). Diakses pada 30 Juni 2023.
- Kemendikbud RI. 2018. Bahan Ajar Budidaya Jamur Tiram. BP-Paud dan Dikmas: Kalimantan Selatan.
- Kemenkes RI. 2017. Farmakope Herbal Indonesia Edisi II. Kementerian Kesehatan RI: Jakarta.
- Kemenkes RI. 2020. *Farmakope Indonesia Edisi VI*. Kementerian Kesehatan RI: Jakarta.
- Komala, P. T. H., & Husni, A. 2021. Pengaruh Suhu Ekstraksi terhadap Aktivitas Antioksidan Ekstrak Metanolik *Eucheuma spinosum*. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 24(1): 1-10
- Kurniawan, M. F., Sugihartini, N., Yuwono, T. Permeabilitas dan Karakteristik Fisik Emulgel Minyak Atsiri Bunga Cengkeh dengan Penambahan *Enhancer*. *Medical Sains*, 3(1): 1-10
- Lobo, V., Patil, A., Phatak, A., dan Chandra, N. 2010. Free Radicals, Antioxidants, and Functional Foods: Impact on Human Health. *Pharmacognosy Reviews*, 4(8): 118-126.
- Mamta, M.K., Dhillon, G.S., Brar, S.K. dan Verma, M. (2014). Antioxidants. Biotransformation of Waste Biomass into High Value Biochemicals. New York: Springer.
- Munteanu, I. G., dan Apetrei, C. 2021. Analytical Methods Used in Determining Antioxidant Activity: A Review. *International Journal of Molecular Science*, 22(7): 3380.
- Mishra, R., dan Bisht, S. S. 2011. Antioxidants and Their Characterization. *Journal of Pharmacy Research*, 4(8): 2744-2746.
- Muthukrishnan, S. & Sivakkumar, T. 2018. Physicochemical Evaluation, Preliminary Phytochemical, Investigation, Fluorescence, and TLC Analysis of Leaves of *Schleichera oleosa* (Lour.) Oken. *Indian journal of Pharmaceutical Sciences*, 80(3): 525-532

- Permatasari, W., Dayanti, D., Khaerunnisa, I., Winarni, S. 2020. Literature Review: The New Super Antioxidant, Ergothioneine in *Pleurotus ostreatus*. *The International Journal of Health, Education, and Social*, 3(10): 22-33.
- Putri, F. L. A., Nugroho, A. K., & Setyowati, E. P. Optimization of HLB Value Combination of Tween 60 and Span 80 on Cream Formulation of Ethanol Extract of Green Tea Leaves (*Camellia sinensis L.*). *Traditional Medicine Journal*, 23(3): 124-130.
- Rafi, M., dan Septaningsing, D. A. 2017. ATLAS Kromatografi Lapis Tipis Tumbuhan Indonesia. IPB Press: Bogor
- Rahimah, S, B., Djunaedi, D, D., Soeroto, A. Y., dan Bisri, T. 2019. The Phytochemical Screening, Total Phenolic Contents and Antioxidant Activities *in Vitro* of White Oyster Mushroom (*Pleurotus Ostreatus*) Preparations. *Journal of Medicinal Science*, 7(15): 2505-2412
- Rowe, R. C., Sheskey, P. J., dan Quinn, M. E. 2009. *Handbook of Pharmaceutical Excipients*. 6<sup>th</sup> ed. Pharmaceutical Press: London
- Patel, R., Mahobia, N., Waseem, N., Upwar, N., & Singh, S. 2010. Phyto-Physicochemical Investigation of Leaves of *Plectranthus amboinicus (Lour) Spreng*. *Pharmacognosy Journal*, 2(13): 536,542.
- Sahu, T., Patel, T., Sahu, S., dan Gidwani, B. Skin Cream as Topical Drug Delivery System: A Review. *Journal of Pharmaceutical and Biological Sciences*, 4(5): 149-154.
- Sari, B. L., Susanti, N., Sutanto. 2015. Skrining Fitokimia dan Aktivitas Antioksidan Fraksi Etanol Alga Merah *Euचेuma spinosum*. *Pharmaceutical Sciences and Research*. 2(2): 59-67.
- Sasudara, M. M. V., Wirawan, I. G. P., Sritamin, M., Suada, I. K., dan Adiartayasa, W. 2020. Antioxidant Activity of The Topical Preparation of Bulung Sangu (*Gracilaria spp*) Extract. *International Journal of Biosciences and Biotechnology*, 7(2): 83-90.
- Sasongko, D. A. 2023. Formulasi Gel Antioksidan Ekstrak Jamur Tiram (*Pleurotus ostreatus*) Dengan Optimasi Karbomer Sebagai *Gelling Agent* dan Sorbitol sebagai *Humectant*.
- Sethilkumar, M., Srividhya, V., & Mahalakshmi, D. 2015. Phytochemical Screening of Bioactive Compounds from *Pleurotus ostreatus* (Jacq.Fr) Kumm., - an Wild Edible Mushroom. *World Journal of Pharmaceutical Research*, 4(5): 1603-1618.
- Srirod, S., dan Tewtrakul, S. 2019. Anti-inflammatory and wound healing effects of cream containing *Curcuma mangga* Extract. *Journal of Ethnopharmacology*, 238(2019): 11828.
- Viljoen, J. M., Botes, D., dan Steenekamp, J. H. 2017. Formulation and Evaluation of Seleted Transmucosal Dosage Forms Containing a Double Fixed-dose of Acyclovir and Ketoconazole. *European Journal of Pharmaceutical Science*, 111(2018): 503-513.

- Wahyudi, V. A., Octaviana. L., dan Sutrisno. 2020. Kajian Fitokimia dan Aktivitas Jamur Tiram Putih (*Pleurotus ostreatus*). *Food technology dan Halal Science*, 3(1).
- Wenjuan, Q., Pan, Z., Sidik, K., Kuppusamy, U. R. 2010. A High Antioxidant Level in Edibleplants is Associated with Genotoxic Properties. *Food Chemistry*. 122: 1139-1144.
- Yuliantari, N. W. A., Widarta, I. W. R., Permana, I. D. G. M. 2017. Pengaruh Suhu dan Waktu Ekstraksi terhadap Kandungan Flavonoid dan Aktivitas Antioksidan Daun Sirsak (*Annona muricata* L.) Menggunakan Ultrasonik. *Science Journal of Food Technology*, 4(1): 35-42.