# DAFTAR PUSTAKA


Agustin, P., & Permatasari, R. I. (2020). Pengaruh Pendidikan dan Kompensasi terhadap Kinerja Divisi New Product Development (NPD) pada PT. Mayora Indah Tbk. *Jurnal Ilmiah M-Progress*, *10*(2), 174–184. https://doi.org/https://doi.org/10.35968/m-pu.v10i2.442

Al Zuhri, M., & Dona, F. (2021). Penggunaan Alkohol untuk Kepentingan Medis Tinjauan Istihsan. *JOLSIC : Journal Of Law, Society, and Islamic Civilization*, *9*(1), 40–49. https://doi.org/http://dx.doi.org/10.20961/jolsic.v9i1.51849

Amananti, W., Politeknik, D., & Bersama, H. (2020). Aktivitas Antibakteri Dari Sediaan Footsanitizer Spray Kombinasi Ekstrak Biji Kopi (Coffea) Dan Rimpang Jahe *(Zingiber officinale)*. *6*(2), 323–330.

Amanda Rizki, S., Latief, M., & Rahman, H. (2021). Uji Aktivitas Antibakteri Ekstrak N-heksan, Etil Asetat, dan Etanol Daun Durian (*Durio zibethinus* Linn.) terhadap Bakteri *Propionibacterium acnes* dan *Staphylococcus epidermi*dis. *Jambi Medical Journal : Jurnal Kedokteran Dan Kesehatan*, *Vol. 10, No. 3*(https://online-journal.unja.ac.id/kedokteran/issue/view/1399 ), 422–457.

American Podiatric Medical Association. (2014). *Public Opinion Research on Foot Health and Care Findings from a Survey of 1000 US Adults*.

Aqil, M., Ahad, A., Sultana, Y., & Ali, A. (2007). Status of Terpenes as Skin Penetration Enhancers. In *Drug Discovery Today* (Vol. 12, Issues 23–24, pp. 1061–1067). https://doi.org/10.1016/j.drudis.2007.09.001

Aqmarina, M. B., Priani, S. E., Gadri, A., Farmasi, P., Matematika, F., Ilmu, D., & Alam, P. (2016). *Prosiding Farmasi Uji Aktivitas Antibakteri Minyak Kayu Manis (Cinnamomum burmanni Nees ex Bl.) terhadap Bakteri Staphylococcus aureus Penyebab Jerawat*. *2*, 433–438. https://doi.org/https://doi.org/10.29313/.V0I0.4447

Ara, K., Hama, M., Akiba, S., Koike, K., Okisaka, K., Hagura, T., Kamiya, T., & Tomita, F. (2006). Foot odor due to microbial metabolism and its control. *Canadian Journal of Microbiology*, *52*(4), 357–364. https://doi.org/10.1139/W05-130

Ashfia, F., Yustisia Adriane, F., & Puspita Sari, D. (2019). Formulasi Dan Uji Aktivitas Antibakteri Sediaan Footspray Anti Bau Kaki Yang Mengandung Ekstak Kulit Jeruk Nipis Dan Ampas Kopi. In *Indonesian Chemistry And Application Journal (ICAJ)* (Vol. 1, Issue 3).

Athaillah, O. :, & Sugesti. (2020). Uji Aktivitas Antibakteri *Staphylococcus epidermis* Menggunakan Ekstrak Etanol dari Simplisia Kering Bawang *Putih (Allium sativum* L.). *Jurnal Education and Development*, *Vol. 8, No.5*, 375–380.

Babu, S., Cm, J., & Nagarajan, N. (2016). Studies on the bioactive compounds and antimicrobial activities of medicinal plant *Centella asiatica* (Linn). *Journal of Medicinal Plants Studies*, *4*(5), 181–185.

Barradas, T. N., & de Holanda e Silva, K. G. (2021). Nanoemulsions of essential oils to improve solubility, stability and permeability: a review. *Environmental Chemistry Letters*, *19*(2), 1153–1171. https://doi.org/10.1007/s10311-020-01142-2

Becker, L. C., Bergfeld, W. F., Belsito, D. V., Hill, R. A., Klaassen, C. D., Liebler, D. C., Marks, J. G., Shank, R. C., Slaga, T. J., Snyder, P. W., Gill, L. J., & Heldreth, B. (2019). Safety Assessment of Glycerin as Used in Cosmetics. *International Journal of Toxicology*, *38*(3), 6S-22S. https://doi.org/10.1177/1091581819883820

Canale, E. De, Bergo, C., Akkouche, W., Forner, G., Solimbergo, E., Mengoli, C., Basso, M., Parisi, S., & Palu, G. (2016). *In vitro efficacy of ethanol 40% as non-antibiotic antimicrobial agent for centralvenous catheter "lock therapy."*

Chandra, D., & Fitria. (2019). Formulasi Sediaan Gel, Krim, Gel-Krim Ekstrak Biji Kopi (Coffea arabica L.) Sebagai Antiselulit. *JIFI : Jurnal Ilmiah Farmasi ImeldaA*, *2*(2), 44–50.

Chang, Y., & Wang, X. (2023). *Sweat and odor in sportswear - A review*. https://doi.org/10.1016/j.isci

Cleophas, T. J., & Zwinderman, A. H. (2016). Non-parametric Tests for Three or More Samples (Friedman and Kruskal-Wallis). In *Clinical Data Analysis on a Pocket Calculator* (pp. 193–197). Springer International Publishing. https://doi.org/10.1007/978-3-319-27104-0_34

Desbrianto, D., Ulfa, A. M., & Lestari, Y. E. (2024). Uji Stabilitas Formulasi Spray Nanoemulsi Variasi Polietilen Glikol 400 Ekstrak Bunga Telang *(Clitoria ternatea* L.) Sebagai Tabir Surya. *JURNAL FARMASI MALAHAYATI*, *7*(1), 132–145. https://doi.org/https://doi.org/10.33024/jfm.v7i1.11439

Ditjen POM., 1979, Farmakope Indonesia Edisi Ketiga, 33, Jakarta, Depkes RI

Dréno, B., Zuberbier, T., Gelmetti, C., Gontijo, G., & Marinovich, M. (2019). Safety review of phenoxyethanol when used as a preservative in cosmetics. In *Journal of the European Academy of Dermatology and Venereology* (Vol. 33, Issue S7, pp. 15–24). Blackwell Publishing Ltd. https://doi.org/10.1111/jdv.15944

El Atki, Y., Aouam, I., El Kamari, F., Taroq, A., Nayme, K., Timinouni, M., Lyoussi, B., & Abdellaoui, A. (2019). Antibacterial activity of cinnamon essential oils and their synergistic potential with antibiotics. *Journal of Advanced Pharmaceutical Technology and Research*, *10*(2), 63–67. https://doi.org/10.4103/japtr.JAPTR_366_18

Fachriyah, E., Wibawa, P. J., & Awaliyah, A. (2020). Antibacterial activity of basil oil *(Ocimum basilicum* L) and basil oil nanoemulsion. *Journal of Physics: Conference Series*, *1524*(1). https://doi.org/10.1088/1742-6596/1524/1/012060

Fadlilah, S. L. N., Effendi, M. H., Tyasningsih, W., Suwanti, L. T., Rahmahani, J., Harijani, N., Ramandinianto, S. C., & Khairullah, A. R. (2021). Antibacterial of Cinnamon Bark *(Cinnamomum burmannii*) Essential Oil Against *Methicillin-Resistant Staphylococcus aureus*. *Jurnal Medik Veteriner*, *4*(1), 56–62. https://doi.org/10.20473/jmv.vol4.iss1.2021.56-62

Fardan, I., & Harimurti, S. (2018). Formulasi Sediaan Gel Minyak Atsiri Daun Cengkeh *(Syzygium Aromaticum* (L.) *Merr*. & L.M.*Perry*) sebagai Antiseptik Tangan dan Uji Daya Hambat terhadap Bakteri *Staphylococcus Aureus*. *PHARMACY : Jurnal Farmasi Indonesia*, *15*, 218–230.

Fitriansyah, S. N., Wirya, S., & Hermayanti, C. (2016). Formulasi Dan Evaluasi Spray Gel Fraksi Etil Asetat Pucuk Daun Teh Hijau *(Camelia sinensis* [L.] Kuntze) Sebagai Antijerawat. *PHARMACY*, *13*(2), 202–216. https://doi.org/https://dx.doi.org/10.30595/pji.v13i02.1257

Hadiyanti, S. (2024). *Formulasi dan Uji Stabilitas Fisik Sediaan Spray Gel Ekstrak Daun Sirsak (Annona muricata L.) dengan Variasi Metil Selulosa sebagai Basis Gel*. Universitas Islam Negeri Maulana Malik Ibrahim Malang.

Hakim, M. L., Susilowati, S., Effendi, M. H., Tyasningsih, W., Sugihartuti, R., Chusniati, S., & Witaningrum, A. M. (2020). The effectiveness of antibacterial essential oil of cinnamon (*Cinnamomum burmannii*) on *Staphylococcus aureus*. *Ecology, Environment and Conservation*, *26*(11), S276–S280.

Hara, T., Matsui, H., & Shimizu, H. (2014). Suppression of microbial metabolic pathways inhibits the generation of the human body odor component diacetyl by *staphylococcus* spp. *PLoS ONE*, *9*(11). https://doi.org/10.1371/journal.pone.0111833

Hartanto. (2018). *Modifikasi Alat Pelindung Kaki dalam Mencegah Timbulnya Ulkus KAki pada Penderita Diabetes Melitus*.

Hayati, L. N., Tyasningsih, W., Praja, R. N., Chusniati, S., Yunita, M. N., & Wibawati, P. A. (2019). Isolation and Identification of *Staphylococcus aureus* in Dairy Milk of The Etawah Crossbred Goat with Subclinical Mastitis in Kalipuro Village, Banyuwangi. *Jurnal Medik Veteriner*, *2*(2), 76–82. https://doi.org/10.20473/jmv.vol2.iss2.2019.76-82

Hukom, Z. F. M., Mahulette, A. S., Nendissa, J. I., & Amba, M. (2023). Agroteknologi Tanaman Kayu Manis. Pattimura University Press. Ambon

Inna, M., Atmania, N., & Prismasari, S. (2010). Potential Use of *Cinnamomum burmanii* Essential Oil-based Chewing Gum as Oral Antibiofilm Agent. *Journal of Dentistry Indonesia*, *17*(3). https://doi.org/10.14693/jdi.v17i3.40

Iswandana, R., & Sihombing, L. K. (2017). Formulasi, Uji Stabilitas Fisik, dan Uji Aktivitas Secara In Vitro Sediaan Spray Antibau Kaki yang Mengandung Ekstrak

Etanol Daun Sirih *(Piper betle* L.). *Pharmaceutical Sciences and Research*, *4*(3), 121–131. https://doi.org/https://doi.org/10.7454/psr.v4i3.3805

James, A. G., Hyliands, D., & Johnston, H. (2004). *Generation of Volatile Fatty Acids by Axillary bacteria*. https://doi.org/https://doi.org/10.1111/j.1467-2494.2004.00214.x

Jedidi, S., & Sebai, H. (2024). Phytochemistry, Medicinal Uses, and Beneficial Nutritional Effects of Essential Oils. In J. Viskelis (Ed.), *Essential Oils - Recent Advances, New Perspectives and Applications* (pp. 1–16). IntechOpen. https://doi.org/10.5772/intechopen.112696

Juariah, S., & Puspa Sari, W. (2018). Pemanfaatan Limbah Cair Industri Tahu Sebagai Media Alternatif Pertumbuhan Bacillus sp. *Jurnal Analis Kesehatan Klinikal Sains*, *6*(1), 24–29. http://jurnal.univrab.ac.id/index.php/klinikal

Jumardin, W., Firdaus, S., Utari, A. U., & Alifah, D. Y. (2024). Formulasi Dan Uji Aktivitas Antibakteri Sediaan FootSpray Dari Ekstrak Etanol Daun Kecombrang (*Etlingera Elatior* (Jack)). *INHEALTH : Indonesian Health Journal*, *Vol. 3 No.1*, 25–39. https://doi.org/https://doi.org/10.56314/inhealth.v3i1.200

Khotimah, H., Anggraeni, E. W., & Setianingsih, A. (2017). Characterization Of Water Processing Using Distilation Equipment. *Jurnal Chemurgy*, *1*(2), 34–38. https://doi.org/http://dx.doi.org/10.30872/cmg.v1i2.1143

Löffler, H., Kampf, G., Schmermund, D., & Maibach, H. I. (2007). How irritant is alcohol? *British Journal of Dermatology*, *157*(1), 74–81. https://doi.org/10.1111/j.1365-2133.2007.07944.x

Lukić, M., Pantelić, I., & Savić, S. D. (2021). Towards optimal ph of the skin and topical formulations: From the current state of the art to tailored products. In *Cosmetics* (Vol. 8, Issue 3). MDPI AG. https://doi.org/10.3390/cosmetics8030069

Maharani, H. S. (2023). *Formulasi Sediaan Foot Sanitizer Spray Ekstrak Daun Nilam (Pogostemon cablin Benth) Terhadap Staphylococcus epidermidis*. Universitas Pakuan.

Mahmoud, H., Al-Suwayeh, S., & Elkadi, S. (2013). Design and Optimization of Self-Nanoemulsifying Drug Delivery Systems of Simvastatin Aiming Dissolution Enhancement. *African Journal of Pharmacy and Pharmacology*, *7*(22), 1482–1500. https://doi.org/10.5897/ajpp2013.2987

Manawan, F., Silvia Wewengkang, D., & Wehantouw, F. (2014). Aktivitas Antibakteri Dan Karakterisasi Senyawa Spons *Haliclona* sp. yang Diperoleh Dari Teluk Manado. *PHARMACON*, *3*(2), 44–52. https://doi.org/https://doi.org/10.35799/pha.3.2014.6044

Mancianti, F., & Ebani, V. V. (2020). Biological activity of essential oils. In *Molecules* (Vol. 25, Issue 3). MDPI AG. https://doi.org/10.3390/molecules25030678

Mitsui, T. (1997). *New Cosmetic Science* (First Edition). Elsevier Science B.V.

Mutmainna, A. M. A. (2024). *Formulation Of Foot Spray Gel From Robusta Coffee Grounds Extract (Coffea canephora var. robusta)*. Universitas Muhammadiyah Makassar.

Nurharini, R., Arrosyid, M., & Putri, H. (2022). Formulasi Dan Uji Aktivitas Antibakteri Deodoran Krim Dengan Variasi Minyak Atsiri Bunga Kenanga *(Cananga Odorata* Var. Macrophylla) Sebagai Penghilang Bau Badan. *CERATA Jurnal Ilmu Farmasi*, *13*(1).

Prayoga, E. (2013). Perbandingan Efek Ekstrak Daun Sirih Hijau *(Piper betle L.)* Dengan Metode Difusi Disk dan Sumuran terhadap Pertumbuhan Bakteri *Staphylococcus aureus*. Universitas Islam Negeri Syarif Hidayatullah, Jakarta

Primono, S. H. (2019). *Pemanfaatan Ekstrak Ampas Kopi dan Daun Gugur Ketapang Sebagai Foot Spray Anti Bau Kaki*. https://doi.org/http://dx.doi.org/10.31219/osf.io/jgfme

Purwakanthi, A., & Rahman, A. O. (2021). Aktivitas Antibakteri Minyak Esensial Kulit Kayu Manis (*Cinnamomum zeylanicum)* In Vitro. *JMJ*, *9*(3), 283–288. https://doi.org/https://doi.org/10.22437/jmj.v9i3.15670

Radji, M. (2002). *Buku Ajar Mikrobiologi* (J. Manurung, Ed.). Penerbit Buku Kedokteran EGC.

Rianti, E. D. D., Tania, P. O. A., & Listyawati, A. F. (2022). Kuat medan listrik AC dalam menghambat pertumbuhan koloni *Staphylococcus aureus* dan *Escherichia coli*. *Bioma : Jurnal Ilmiah Biologi*, *11*(1), 79–88. https://doi.org/10.26877/bioma.v11i1.9561

Rowe, R. C., Sheskey, P. J., & Quinn, M. E. (2009). *Handbook of Pharmaceutical Excipients Sixth edition* (6th ed.). Pharmaceutical Press.

Sangal, A. (2011). Role of cinnamon as beneficial antidiabetic food adjunct: a review. In *Pelagia Research Library Advances in Applied Science Research* (Vol. 2, Issue 4). www.pelagiaresearchlibrary.com

Santoso, J., & Riyanta, A. B. (2019). Aktivitas Antibakteri Sediaan Foot Sanitizer Spray yang Mengandung Ekstrak Biji Kopi Dan Jahe. *Parapemikir : Jurnal Ilmiah Farmasi*, *8*(1), 47–50. https://doi.org/10.30591/pjif.v8i1.1300

Sarkic, A., & Stappen, I. (2018). Essential oils and their single compounds in cosmetics-a critical review. In *Cosmetics* (Vol. 5, Issue 1). MDPI AG. https://doi.org/10.3390/cosmetics5010011

Setiyo Rini, C., Saidi, I. A., & Rohmah, J. (2023). Date Palm *(Phoenix dactylifera* L.) Flour as an Alternative Culture Media for the Growth of *Escherichia coli* and *Bacillus cereus* Tepung Kurma *(Phoenix dactylifera* L.) sebagai Media Kultur

Alternatif Pertumbuhan Bakteri *Escherichia coli* dan *Bacillus cereus* Abstrak. *Jurnal Ilmiah Kedokteran Wijaya Kusuma*, *12*(1), 32–37. https://doi.org/http://dx.doi.org/10.30742/jikw.v12i1.2487

Sianturi, R. (2022). Uji homogenitas sebagai syarat pengujian analisis. *Jurnal Pendidikan, Sains Sosial, Dan Agama*, *8*(1), 386–397. https://doi.org/10.53565/pssa.v8i1.507

Sidoretno, W. M. (2021). Potensi Ekstrak Etanol Daun Matoa (Pometia pinnata J.R. & G.Forst) terhadap Bakteri Staphylococcus aureus. *Jurnal Proteksi Kesehatan, Vol. 10, No. 2*, 107–112. https://doi.org/https://doi.org/10.36929/jpk.v10i2.402

Sirait *et al*. (2024). Formulasi dan Uji Fisik Sediaan Spray Hand Sanitizer dari Ekstrak Daun Pohpohan (Pilea Trinervia). *Majalah Farmasetika*, *9*(3), 244. https://doi.org/10.24198/mfarmasetika.v9i3.52600

Sirait, R. R., Kunci, K., Kulit, :, Nipis, J., Dayak, K. B., Kaki, B., & Bakteri, A. (2021). Pembuatan Foot Spray Anti Bau Kaki Dengan Memanfaatkan Ekstrak Kulit Jeruk Nipis *(Citrus aurantifo-lia)* dan Kulit Bawang Dayak *(Eleutherine bulbosa*). *JIMTANI*, *1*.

Solihah, Y. S., & Hidayat, F. (2022). Pengaruh Metode Plasma dalam Peningkatan Penyerapan Minyak Kayu Manis (Cinnamon oil) pada Kaos Kaki dan Uji Aktivitas Antibakterinya terhadap Staphylococcus epidermidis Penyebab Bau Kaki. *Jurnal Riset Farmasi*, *1*(2), 124–132. https://doi.org/10.29313/jrf.v1i2.567

Sriwijayasih, I., Novianarenti, E., Ramadani, T. A., & Leonard, R. (2024). Determine The Thermal Efficiency Of A Distilled Water Evaporator by Utilizing Clean Water as The Raw Material. *Journal of Mechanical, Electrical & Industrial Technology*, *1*(1), 33–39. https://doi.org/https://doi.org/10.35991/mein.v1i1.10

Susanti, N., Gandidi, I. M., Dyan, M., & Es, S. (2013). Potensi Produksi Minyak Atsiri Dari Limbah Kulit Kayu Manis Pasca Panen. In *JURNAL FEMA* (Vol. 1, Issue 2).

Thomas, J., & Duethi, P. P. (2001). *Handbook of herbs and spices*. CRC Press/Woodhead Publishing.

Titaley, S., & Widya Lolo, dan A. (2014). Formulasi dan Uji Efektivitas Sediaan Gel Ekstrak Etanol Daun Mangrove Api-Api (*Avicennia marina*) Sebagai Antiseptik Tangan. *PHARMACON Jurnal Ilmiah Farmasi-UNSRAT*, *3*(Mei), 99–106. https://doi.org/https://doi.org/10.35799/pha.3.2014.4781

Utami, C. A. (2020). *Formulasi Spraygel Minyak Atsiri Daun Seledri (Apium graveolens L.) dan Uji Aktivitas Antibakteri terhadap Staphylococcus aureus ATCC 25923*. Universitas Islam Indonesia.

Vernanda, R. Y., Ariyanti, A. D., Oktaviana, C., Gunawan, F. S., Prastica, Y. M. V., Mauryn, F. R., Rati, A. K., Hasfayo, F. P., & Ribeiro, M. V. (2023). Isolasi dan Identifikasi Bakteri Penyebab Bau Kaki. *Jurnal Farmasi Sains Dan Terapan*, *10*(1), 14–24. https://doi.org/10.33508/jfst.v10i1.4486

Wang, R., Wang, R., & Yang, B. (2009). Extraction of essential oils from five cinnamon leaves and identification of their volatile compound compositions. *Innovative Food Science and Emerging Technologies*, *10*(2), 289–292. https://doi.org/10.1016/j.ifset.2008.12.002

Xu, S., Liu, Q., Wang, C., Xiao, L., Feng, S., Li, N., & Chen, C. P. (2020). Three-dimensional pompon-like Au/ZnO porous microspheres as solid phase microextraction coating for determination of volatile fatty acids from foot odor. *Talanta*, *209*. https://doi.org/10.1016/j.talanta.2019.120519

Yarley, O. P. N., Kojo, A. B., Zhou, C., Yu, X., Gideon, A., Kwadwo, H. H., & Richard, O. (2021). Reviews on mechanisms of in vitro antioxidant, antibacterial and anticancer activities of water-soluble plant polysaccharides. *International Journal of Biological Macromolecules*, *183*, 2262–2271. https://doi.org/10.1016/j.ijbiomac.2021.05.181