

## DAFTAR PUSTAKA

- Wilson, W., & Darmawati, S. (2019). Uji aktivitas antibakteri ekstrak ethanol daun kayu putih (*Melaleuca leucadendron* L.) terhadap pertumbuhan Methicillin resistant *Staphylococcus aureus* (MRSA). *Prosiding Seminar* ....  
<https://prosiding.unimus.ac.id/index.php/mahasiswa/article/view/448>
- [Depkes]. (2017). *Departemen Kesehatan. Farmakope Herbal Indonesia*. DepKes RI Jakarta, ID.
- Afianti, H. P., & Murrukmihadi, M. (2015). Pengaruh variasi kadar gelling agent HPMC terhadap sifat fisik dan aktivitas antibakteri sediaan gel ekstrak etanolik daun kemangi (*Ocimum basilicum* L. forma .... *Majalah Farmaseutik*.  
<https://journal.ugm.ac.id/majalahfarmaseutik/article/view/24121>
- Anand, K., Ray, S., Rahman, M., (2019). Nano-emulgel: emerging as a smarter topical lipidic emulsion-based nanocarrier for skin healthcare applications. *Recent Patents on* ....  
<https://www.ingentaconnect.com/content/ben/pri/2019/00000014/00000001/art00007>
- Benson. (2012). *Topical and Transdermal Drug Delivery: Principles and Practice*. John Wiley & Sons.
- Brooks, G. F., Butel, J. S., & Morse, S. A. (2005). *Mikrobiologi kedokteran*. Jakarta: Salemba Medika.
- Bupu, M., Fahik, M., & Iramaya, D. H. (2022). Uji Aktivitas Antibakteri Ekstrak Metanol Batang Brotowali (*Tinospora crispa*). *Flobamora Biological Jurnal*, 1(1), 17–2.
- Cahyani, N. E., Widiastuti, R., & I. (2020). Formulasi Dan Uji Stabilitas Fisik Emulgel Tabir Surya Ekstrak Etanol Kulit Buah Jeruk Nipis (*Citrus aurantifolia*) Menggunakan Variasi Nilai HLB Emulgator. *Jurnal Ilmu Kesehatan Bhakti Setya Medika*, 5(1): 42-5.
- Cenwira, W. (2022). *Uji aktivitas antibakteri ekstrak etanol 70% daun serai dapur (Cymbopogon citratus (DC.) Stapf) terhadap pertumbuhan Staphylococcus epidermidis= Antibacterial repository.uph.edu*.  
<http://repository.uph.edu/50177/>
- Da-Costa-Rocha, I., Bonnlaender, B., Sievers, H., Pischel, I., & Heinrich, M. (2014). *Hibiscus sabdariffa* L. – A phytochemical and pharmacological review. *Food Chemistry*, 165.
- Delgado-Vargas, F., & ... (2003). Anthocyanins and betalains. *Natural Colorants f*
- Depkes, R. I. (2017). *Farmakope Herbal Indonesia Edisi II. Departemen Kesehatan Republik Indonesia*.

- Depkes, R. I. (2017). *Farmakope Herbal Indonesia II*. Jakarta: Direktorat Jendral
- Fadly. (2021). *No Title*. jogjagardening.com
- Fasoyiro, S. B. B., Babalola, S. O. O., & Owosibo, T. (2005). Chemical Composition and Sensory Quality of Fruit-Flavoured Roselle ( Hibiscus sabdariffa ) Drinks. *World Journal of Agricultural Sciences*, 1(2), 161–164.
- Gaedcke, F. (2003). Standardisation of herbal drug preparations. *PHARMEUROPA-ENGLISH* ....
- Garg, A., Sharma, G. S., Goyal, A. K., Ghosh, G., Si, S. C., & Rath, G. (2020). Recent advances in topical carriers of anti-fungal agents. *Heliyon*, 6(8), e04663. <https://doi.org/10.1016/j.heliyon.2020.e04663>
- Hadioetomo, R. S. (1993). *Mikrobiologi Dasar dalam Praktek dan Prosedur dasar Laboratorium*. Jakarta. PT. Gramedia. Hal.
- Handayani, M., Mita, N., & Ibrahim, A. (2015). *Formulasi Dan Optimasi Basis Emulgel Carbopol 940 Dan Trietanolamin Dengan Berbagai Variasi Konsentrasi*. 53–60. <https://doi.org/10.25026/mpc.v1i1.8>
- Helmidanora, R., Sukawaty, Y., & Warnida, H. (2023). Formulasi dan Evaluasi Emulgel Ekstrak Rimpang Jeringau ( Acorus calamus L .) sebagai anti-acne. *Journal of Pharmaceutical and Health Research*, 4(1), 122–128. <https://doi.org/10.47065/jharma.v4i1.2894>
- Hirunpanich, V., Utaipat, A., Morales, N. P., Bunyaphatsara, N., Sato, H., Herunsalee, A., & Suthisang, C. (2005). Antioxidant effects of aqueous extracts from dried calyx of hibiscus sabdariffa Linn. (roselle) in vitro using rat low-density lipoprotein (LDL). *Biological and Pharmaceutical Bulletin*, 28(3), 481–484. <https://doi.org/10.1248/bpb.28.481>
- Husni, P., Hisprastin, Y., & Januarti, M. (2019). FORMULASI DAN UJI STABILITAS FISIK SEDIAAN EMULSI MINYAK IKAN LEMURU (Sardinella lemuru). *Jurnal Ilmiah As-Syifaa*, 11(2), 137–146. <https://doi.org/10.33096/jifa.v11i2.575>
- Ikhtiyarini, T. A., & Sari, A. K. (2022). Efektivitas Penggunaan Basis Gel pada Sediaan Emulgel Effectiveness of Basic Use for Emulgel Preparations. *Journal Clinical, Pharmaceutical, Analitical, and Pharmacy Community*, 1(1), 19–25.
- Jawetz, M. dan A. (2008). Mikrobiologi Kedokteran. *Buku Kedokteran EGC:AJakarta*.
- Kemenkes, R. I. (2017). Farmakope Herbal Indonesia Edisi II, Kementrian Kesehatan Republik Indonesia. *Jakarta. Doi*.
- Kemenkes, R. I. (2017). Farmakope Herbal Indonesia Edisi II. *Jakarta: Kementrian Kesehatan RI*.
- Khare, C. P. (2007). Hibiscus sabdariffa Linn. *Indian Medicinal Plants*, 8(1), 1–1. [https://doi.org/10.1007/978-0-387-70638-2\\_749](https://doi.org/10.1007/978-0-387-70638-2_749)

- Koyama, Y., et al. (2018). Efficacy of potassium sorbate as a preservative against common cosmetic contaminants. *International Journal of Cosmetic Science*, 40, no. 2.
- Laurence J. Dorr. (2016). *Roselle*. ITIS.Gov. <https://www.itis.gov/>
- Mahadevan, N., & Kamboj, P. (2009). *Hibiscus sabdariffa Linn.—an overview*. nopr.niscpr.res.in. <https://nopr.niscpr.res.in/handle/123456789/3769>
- MANIHURUK, F. (2022). *UJI EFEKTIVITAS ANTIBAKTERI EKSTRAK KELOPAK BUNGA ROSELLA (Hibiscus sabdariffa Linn) TERHADAP PERTUMBUHAN BAKTERI Staphylococcus aureus*. [http://180.250.18.58/jspui/handle/123456789/6778%0Ahttp://180.250.18.58/jspui/bitstream/123456789/6778/1/KTI\\_FEBRIWANI\\_MANIHURUK\\_FIXX.pdf](http://180.250.18.58/jspui/handle/123456789/6778%0Ahttp://180.250.18.58/jspui/bitstream/123456789/6778/1/KTI_FEBRIWANI_MANIHURUK_FIXX.pdf)
- McClements DJ, L. Y. (2010). *Structured Emulsion-Based Delivery Systems: Controlling The Digestion And Release Of Lipophilic Food Components*. *Advances in Colloid and Interface Science*. 159, 213–228.
- Meraiyebu, A.B., O. (2013). Antiinflammatory Activity of Methanolic Extract of Hibiscus sabdariffa on Carrageenan Induced Inflammation in Wistar Rat. *International Journal of Pharmaceutical Science Invention ISSN*.
- Mohamed, M. I. (2004). Optimization of chlorphenesin emulgel formulation. *AAPS Journal*, 6(3), 1–7. <https://doi.org/10.1208/aapsj060326>
- Mumpuni, Y., & Wulandari, A. (2010). Cara Jitu Mengatasi Jerawat. *Penerbit: Andi, Yogyakarta*.
- Najib, A., Malik, A., Ahmad, A. R., (2017). Standarisasi ekstrak air daun jati belanda dan teh hijau. *Jurnal Fitofarmaka* .... <https://jurnal.farmasi.umi.ac.id/index.php/fitofarmakaindo/article/view/268>
- Nurdianti, L. (2018). EVALUASI SEDIAAN EMULGEL ANTI JERAWAT TEA TREE (*Melaleuca alternifolia*) OIL DENGAN MENGGUNAKAN HPMC SEBAGAI GELLING AGENT. *Journal of Pharmacopolium*, 1(1), 23–31. <https://doi.org/10.36465/jop.v1i1.392>
- Padmaja, H., Sruthi, S., (2014). Review on Hibiscus sabdariffa-A valuable herb. *International Journal of* .... <https://search.ebscohost.com/login.aspx?direct=true%5C&profile=ehost%5C&scope=site%5C&authtype=crawler%5C&jrnl=09767126%5C&AN=97907619%5C&h=KoCvSe1pdv0P19wE5WpSJ7WGG02u9FaOwKSPDrLnN5O22OrxoSQjPZTXQtq3z0YdO4FFm4WmRMmNFu%2FPyIdQ%2FA%3D%3D%5C&crl=c>
- Prasad, B., Tyagi, Y., & Rao, N. G. R. (2020). a Review on Emulgel: the Topical Drug Delivery System. *World Journal of Pharmaceutical and Life Sciences*, 6(6), 47–55. [www.wjpls.org](http://www.wjpls.org)
- Prayoga, E. (2013). Perbandingan Efek Ekstrak Daun Sirih Hijau (*Piper betle L.*) dengan Metode Difusi Disk dan Sumuran Terhadap Pertumbuhan Bakteri

*Staphylococcus aureus*. *Skripsi*, 1–46.

- Puspasari, E. R., Hartati, S., Rahardjo, S., (2018). Isolasi dan identifikasi *Staphylococcus Epidermidis* pada susu sapi PFH penderita mastitis subklinis di Wukirsari, Cangkringan, Sleman, DIY. *Jurnal Ilmu-Ilmu ....* <https://jiip.ub.ac.id/index.php/jiip/article/view/404>
- Qi, Y., Chin, K. L., Malekian, F., Berhane, M., & Gager, J. (2016). Biological Characteristics, Nutritional and Medicinal Value of Roselle, Hibiscus Sabdariffa Biological Characteristics, Nutritional and Medicinal Value of Roselle, Hibiscus Sabdariffa. *Agricultural Research and Extension Center, 70813*(MARCH 2005), 603–604.
- R, K. (2011). Emulgel: A surrogate approach for topical used hydrophobic drugs. *Int J Pharm Bio Sci, 117* 128.
- Reanmongkol, W., & Itharat, A. (2007). Antipyretic activity of the extracts of Hibiscus sabdariffa calyces L. in experimental animals. *Songklanakarin Journal of Science and Technology, 29*(SUPPL. 1), 29–38.
- Rizzello, C. G., et al. (2017). Antimicrobial activity of phenoxyethanol in cosmetic formulations. *Journal of Applied Microbiology, 123*, no. 5.
- Rosenbach. (1884). *Staphylococcus aureus*. ITIS.Gov. <https://www.itis.gov>
- Rowe, R. C., Sheskey, P. J., & Quinn, M. E. (2009). Pharmaceutical excipients. *Handbook of Pharmaceutical Excipients (VI Ed.)*, 6, 633–643. <https://doi.org/10.1016/B978-0-12-820007-0.00032-5>
- Silalahi KN, Fahrurroji A, D., & I, K. (2015). Vitamin E Sebagai Antipenuaan Kulit Serta Uji Stabilitas Losio. *Program Studi Farmasi Fakultas Kedokteran, Universitas Tanjungpura*.
- Stepward. (2016). *No Title*. [https://www.stepwards.com/?page\\_id=366](https://www.stepwards.com/?page_id=366)
- Subaryanti, S., Triawan, A., & Poeloengan, M. (2020). Bunga Rosella (Hibiscus sabdariffa L.) Sebagai Antibakteri. *Sainstech: Jurnal Penelitian Dan Pengkajian Sains Dan Teknologi, 23*(1), 78–83. <https://doi.org/10.37277/stch.v23i1.569>
- Talat, M., Zaman, M., Khan, R., Jamshaid, M., Akhtar, M., & Mirza, A. Z. (2021). Emulgel: an effective drug delivery system. *Drug Development and Industrial Pharmacy, 47*(8), 1193–1199. <https://doi.org/10.1080/03639045.2021.1993889>
- Tranggono, R. I., & Latifah, F. (2013). Buku Pegangan Ilmu Kosmetik. In *PT Gramedia Pustaka Utama* (pp. 3–7).
- Voight, R. (1994). *Buku Pelajaran Teknologi Farmasi. Terjemahan: S. Noerono*. Gadjah Mada University Press
- Williams., A. C. (2003). Transdermal and Topical Drug Delivery. *Pharmaceutical Press, London*.
- Zamilah, M., Ruhimat, U., & Setiawan, D. (2020). Media Alternatif Kacang Tanah

Untuk Pertumbuhan Bakteri. *Journal of Indonesian Medical Laboratory and Science* (JoIMedLabS), 1(1), 57–65.  
<https://doi.org/10.53699/joimedlabs.v1i1.11>

