

DAFTAR PUSTAKA

- Abriyani, E., Fikayuniar, L., Fauziah, S., & Melinda, L. (2022). Skrining Fitokimia Dan Profil KLT Dari Fraksi n-Heksana Dan Etil Asetat Pada Kulit *Pithecellobium jiringa* (Jack) Prain. *Jurnal Buana Farma*, 2(3), 8–13. <https://doi.org/10.36805/jbf.v2i3.545>
- Adysti, G. A. A. M. D. K. (2022). Review: Ekstraksi, Identifikasi, Kuantifikasi Alkaloid Kinin Dari Kulit Batang Kina (*Cinchona succirubra* Cortex). *Jurnal Ilmiah Kedokteran Dan Kesehatan*, 2(1), 83–95. <https://doi.org/10.55606/klinik.v2i1.799>
- Agustine, A. R., Faika, S., & Ju, Y.-H. (2016). Influence of extracting solvents on its antioxidant properties of Bawang Dayak (*Eleutherine palmifolia* L. Merr.). *International Journal of Chemical & Petrochemical Technology*, 6(2), 1–10. www.tjprc.org
- Akhsanita, M. (2012). Uji Sitotoksik Ekstrak, Fraksi, dan Sub-fraksi Daun Jati (*Tectona grandis* Linn. f.) dengan Metoda Brine Shrimp Lethality Bioassay. In *Universitas Andalas*. <http://scholar.unand.ac.id/6558/>
- Alouw, G., Fatimawali, F., & Lebang, J. S. (2022). Uji Aktivitas Antibakteri Ekstrak Etanol Daun Kersen (*Muntingia calabura* L.) Terhadap Bakteri *Staphylococcus aureus* Dan *Pseudomonas aeruginosa* Dengan Metode Difusi Sumuran. *Jurnal Farmasi Medica/Pharmacy Medical Journal (PMJ)*, 5(1), 36. <https://doi.org/10.35799/pmj.v5i1.41430>
- Aminah, A., Tomayahu, N., & Abidin, Z. (2017). Penetapan Kadar Flavonoid Total Ekstrak etanol Kulit Buah Alpukat (*Persea americana* Mill.) Dengan Metode Spektrofotometer UV-Vis. *Jurnal Fitofarmaka Indonesia*, 4(2), 226–230. <https://doi.org/10.33096/jffi.v4i2.265>
- Arbain, D., Sriwahyuni, K., Susanti, D., & Taher, M. (2022). Genus Eleutherine: A review of its distribution, traditional uses, phytochemistry, biological activities and their interchange names. *South African Journal of Botany*, 150, 731–743. <https://doi.org/10.1016/j.sajb.2022.08.022>
- Asmorowati, H. (2019). Penetapan Kadar Flavonoid Total Buah Alpukat Biasa (*Persea americana* Mill.) dan Alpukat Mentega (*Persea americana* Mill.) dengan Metode Spektrofotometri UV-Vis. *Jurnal Ilmiah Farmasi*, 15(2), 51–63. <https://doi.org/10.20885/jif.vol15.iss2.art1>
- Asworo, R. Y., & Widwastuti, H. (2023). Pengaruh Ukuran Serbuk Simplisia dan Waktu Maserasi terhadap Aktivitas Antioksidan Ekstrak Kulit Sirsak. *Indonesian Journal of Pharmaceutical Education*, 3(2), 256–263. <https://doi.org/10.37311/ijpe.v3i2.19906>
- Bele, A. A., & Khale., A. (2011). An Overview On Thin Layer Chromatography. *Journal of Pharmaceutical Sciences*, 2(2), 256–267.
- Beveridge, T. J. (1999). Structures of gram-negative cell walls and their derived membrane vesicles. *Journal of Bacteriology*, 181(16), 4725–4733. <https://doi.org/10.1128/jb.181.16.4725-4733.1999>
- Biharee, A., Sharma, A., Kumar, A., & Jaitak, V. (2020). Antimicrobial flavonoids as a potential substitute for overcoming antimicrobial resistance. *Fitoterapia*, 146(June), 104720. <https://doi.org/10.1016/j.fitote.2020.104720>

- Chen, D., Sun, Z., Liu, Y., Li, Z., Liang, H., Chen, L., Xu, X., Yang, J., Ma, G., & Huo, X. (2020). Eleucanainones A and B: Two Dimeric Structures from the Bulbs of *Eleutherine americana* with Anti-MRSA Activity. *Organic Letters*, 22(9), 3449–3453. <https://doi.org/10.1021/acs.orglett.0c00903>
- Coskun, O. (2016). Separation Techniques: Chromatography. *Northern Clinics of Istanbul*, 3(2), 156–160. <https://doi.org/10.14744/nci.2016.32757>
- Dachriyanus. (2004). Analisis Struktur Senyawa Organik Secara Spektroskopi. In *Lembaga Pengembangan Teknologi Informasi dan Komunikasi (LPTIK) Universitas Andalas* (p. 158).
- Dias, M. C., Pinto, D. C. G. A., & Silva, A. M. S. (2021). Plant flavonoids: Chemical characteristics and biological activity. *Molecules*, 26(17), 1–16. <https://doi.org/10.3390/molecules26175377>
- Ebere, E. C., Obinna Isiuku, B., & Andrew Wirnkor, V. (2019). Applications of Column, Paper, Thin Layer and Ion Exchange Chromatography in Purifying Samples: Mini Review. *SF Journal of Pharmaceutical and Analytical Chemistry*, 2(2), 1–6. <https://www.researchgate.net/publication/337275127>
- Fadlilah, A. R., & Lestari, K. (2023). Review : Peran Antioksidan Dalam Imunitas Tubuh. *Farmaka*, 21(2), 171–178.
- Fitriyani, A., Winarti, L., Muslichah, S., & Nuri, D. (2011). Uji Antiinflamasi Ekstrak Metanol Daun Sirih Merah (*Piper crocatum* Ruiz & Pav) Pada Tikus Putih. *Majalah Obat Tradisional*, 16(1), 2011.
- Fitriyanti, F., Abdurrazaq, A., & Nazarudin, M. (2020). Uji Efektivitas Antibakteri Ekstrak Etil Asetat Bawang Dayak (*Eleutherine palmifolia* Merr) Terhadap *Staphylococcus aureus* dengan Metode sumuran. *Jurnal Ilmiah Manuntung*, 5(2), 174–182. <https://doi.org/10.51352/jim.v5i2.278>
- Forestryana, D., & Arnida, A. (2020). Skrining Fitokimia Dan Analisis Kromatografi Lapis Tipis Ekstrak Etanol Daun Jeruju (*Hydrolea spinosa* L.). *Jurnal Ilmiah Farmako Bahari*, 11(2), 113. <https://doi.org/10.52434/jfb.v11i2.859>
- Hakim, A. R., & Saputri, R. (2020). Narrative Review: Optimasi Etanol sebagai Pelarut Senyawa Flavonoid dan Fenolik. *Jurnal Surya Medika*, 6(1), 177–180. <https://doi.org/10.33084/jsm.v6i1.1641>
- Handoyono. (2020). Pengaruh Lama Waktu Maserasi (Perendaman) Terhadap Kekentalan Ekstrak Daun Sirih (*Piper Betle*). *Indonesian Journal of Fundamental Sciences*, 6(1), 16. <https://doi.org/10.26858/ijfs.v6i1.13941>
- Harlita, T. D., Oedjijono, & Asnani, A. (2018). The Antibacterial Activity of Dayak Onion (*Eleutherine palmifolia* (L.) merr) Towards Pathogenic Bacteria. *Tropical Life Sciences Research*, 29(2), 39–52. <https://doi.org/10.21315/tlsr2018.29.2.4>
- Haryati, S. D., Darmawati, S., & Wilson, W. (2017). Perbandingan Efek Ekstrak Buah Alpukat (*Persea americana* Mill) Terhadap Pertumbuhan Bakteri *Pseudomonas aeruginosa*. *Prosiding Seminar Nasional Publikasi Hasil-Hasil Penelitian Dan Pengabdian Masyarakat*, 348–352.
- Hidayati, N. (2012). Isolasi Dan Penetapan Kadar Senyawa Antifungal P-Methoxybenzylidene P-Aminophenol Dari Akar *Acacia mangium*. *Jurnal Pemuliaan Tanaman Hutan*, 6(2), 115–128.

- <https://doi.org/10.20886/jpth.2012.6.2.115-128>
- Huang, W., Wang, Y., Tian, W., Cui, X., Tu, P., Li, J., Shi, S., & Liu, X. (2022). Biosynthesis Investigations of Terpenoid, Alkaloid, and Flavonoid Antimicrobial Agents Derived from Medicinal Plants. *Antibiotics*, *11*(10). <https://doi.org/10.3390/antibiotics11101380>
- Indriani, L., Prasetyorini, P., & Saputri, A. E. (2019). Aktivitas Antibakteri Ekstrak Maserasi Bertingkat Bawang Dayak (*Eleutherine palmifolia*) terhadap *Porphyromonas gingivalis* dan *Staphylococcus aureus*. *MPI (Media Pharmaceutica Indonesiana)*, *2*(3), 132–139. <https://doi.org/10.24123/mpi.v2i3.1316>
- Jiang, H., Man, W. J., Hou, A. J., Yang, L., Xing, X. D., Yan, M. L., Guo, X. Y., & Yang, L. (2020). The Chemical Constituents From The Active Fractions of *Eleutherine bulbosa* With Their Antimicrobial Activity. *Natural Product Research*, *34*(12), 1743–1749. <https://doi.org/10.1080/14786419.2018.1530229>
- Kasote, D. M., Katyare, S. S., Hegde, M. V., & Bae, H. (2015). Significance of Antioxidant Potential of Plants and Its Relevance To Therapeutic Applications. *International Journal of Biological Sciences*, *11*(8), 982–991. <https://doi.org/10.7150/ijbs.12096>
- Kedare, S. B., & Singh, R. P. (2011). Genesis and Development of DPPH Method of Antioxidant Assay. *Journal of Food Science and Technology*, *48*(4), 412–422. <https://doi.org/10.1007/s13197-011-0251-1>
- Kharb, S. (2021). General Lab Techniques. *Mind Maps in Clinical Chemistry (Part II)*, 47–56. <https://doi.org/10.2174/9789814998758121010012>
- Koirewoa, Y. A., Fatimawali, & Wiyono, W. I. (2012). Isolasi dan Identifikasi Senyawa Flavonoid Dalam Daun Beluntas (*Pluchea indica* L.). *Pharmacon*, *1*(1), 47–52.
- Kumalasari, E., Nazir, M. A., & Putra, A. M. P. (2018). Determination of Total Flavonoid Content of 70% Ethanol Extract of Dayak Leeks (*Eleutherine palmifolia* L.) Using UV-VIS Spectrophotometric Method. *Jurnal Insan Farmasi Indonesia*, *1*(2), 201–209.
- Kumalasari, E., Septia, A., Febrianti, D. R., & Aisyah, N. (2023). Penetapan Kadar Flavonoid Total Ekstrak Etanol dan Fraksi Etanol, Fraksi Kloroform, Fraksi N-Heksana, Fraksi Air, Fraksi Etil Asetat dari Daun Bawang Dayak (*Eleutherine palmifolia* (L.) Merr.). *Jurnal Ilmiah Manuntung*, *9*(2), 173–180. <https://doi.org/10.51352/jim.v9i2.678>
- Kuntorini, E. M., & Nugroho, L. H. (2009). Structural Development and Bioactive Content of Red Bulb Plant (*Eleutherine americana*); a Traditional Medicines For Local Kalimantan People. *Biodiversitas Journal of Biological Diversity*, *11*(2), 102–106. <https://doi.org/10.13057/biodiv/d110210>
- Magani, A. K., Tallei, T. E., & Kolondam, B. J. (2020). Uji Antibakteri Nanopartikel Kitosan terhadap Pertumbuhan Bakteri *Staphylococcus aureus* dan *Escherichia coli*. *Jurnal Bios Logos*, *10*(1), 7. <https://doi.org/10.35799/jbl.10.1.2020.27978>
- Markham, K. R. (1982). The Systematic Identification of Flavonoids. In *The systematic Identification of Flavonoids* (p. 39). <https://doi.org/>

- <https://doi.org/10.1007/978-3-642-88458-0>
- Meydani, M. (2000). Effect of Functional Food Ingredients: Vitamin E Modulation of Cardiovascular Diseases and Immune Status in The Elderly. *American Journal of Clinical Nutrition*, 71(6 SUPPL.), 1665S-1668S. <https://doi.org/10.1093/ajcn/71.6.1665s>
- Mierziak, J., Kostyn, K., & Kulma, A. (2014). Flavonoids as Important Molecules of Plant Interactions With the Environment. *Molecules*, 19(10), 16240–16265. <https://doi.org/10.3390/molecules191016240>
- Mokoginta, R. V., Simbala, H. E. I., & Mansauda, K. L. . (2020). Uji Aktivitas Antioksidan Ekstrak Etanol Bulbus Bawang Dayak (*Eleutherine americana* Merr) Dengan Metode DPPH (1,1-Diphenyl-2-Picrylhydrazyl). *Pharmacon*, 9(3), 451. <https://doi.org/10.35799/pha.9.2020.30031>
- Mulyadi, M., Wuryanti, W., & Sarjono, P. R. (2017). Konsentrasi Hambat Minimum (KHM) Kadar Sampel Alang-Alang (*Imperata cylindrica*) dalam Etanol Melalui Metode Difusi Cakram. *Jurnal Kimia Sains Dan Aplikasi*, 20(3), 130–135. <https://doi.org/10.14710/jksa.20.3.130-135>
- Mursyidin, D., Badruzsaufari, & Kuntorini, E. (2013). Karakterisasi kromosom tanaman bawang dayak (*Eleutherine americana* Merr.) asal Kalimantan Selatan. *Journal Bioscientiae*, 10(1), 92–100.
- Mutingatun, S., Fachriyah, E., & Kusriani, D. (2022). Isolation, Identification, and Antioxidant Activity of Flavonoid Compounds in the Ethanol Extract in Bandotan Leaves (*Ageratum conyzoides*). *Jurnal Kimia Sains Dan Aplikasi*, 25(12), 456–466. <https://doi.org/10.14710/jksa.25.12.456-466>
- Ningrum, M. W., & Nuryanti, S. (2022). Analisis Kadar Senyawa Flavonoid pada Daun Bawang Hutan (*Eleutherine palmifolia* (L.) Merr.). *Media Eksakta*, 18(2), 150–154. <https://doi.org/10.22487/me.v18i2.2473>
- Ningsih, I. S., Chatri, M., Advinda, L., & Violita. (2023). Flavonoid Active Compounds Found In Plants Senyawa Aktif Flavonoid yang Terdapat Pada Tumbuhan. *Seerambi Biologi*, 8(2), 1–7. <https://doi.org/10.21082/jlitri.v8n2.2002.61-66>
- Noer, S., Pratiwi, R. D., & Gresinta, E. (2018). Penetapan Kadar Senyawa Fitokimia (Tanin, Saponin dan Flavonoid) sebagai Kuersetin Pada Ekstrak Daun Inggu (*Ruta angustifolia* L.). *Jurnal Eksakta*, 18(1), 19–29. <https://doi.org/10.20885/eksakta.vol18.iss1.art3>
- Nurcholis, W., Putera Irsal, R. A., Rosyidah, R. A., Agung Kurnia, M. R., & Aisyah, S. I. (2023). Potensi Senyawa Antioksidan Dari Tanaman Krokot (*Portulaca Grandiflora*): Narrative Review. *Jurnal Farmamedika (Pharmamedica Journal)*, 8(1), 25–35. <https://doi.org/10.47219/ath.v8i1.192>
- Panche, A. N., Diwan, A. D., & Chandra, S. R. (2016). Flavonoids: An overview. *Journal of Nutritional Science*, 5. <https://doi.org/10.1017/jns.2016.41>
- Paramita, S., & Nuryanto, M. K. (2019). Anti-Inflammatory Activity of Bawang Dayak (*Eleutherine Bulbosa* (Mill. Urb.)) Ethanol Bulb Extracts. *Journal Of Vocational Health Studies*, 2(2), 51. <https://doi.org/10.20473/jvhs.v2.i2.2018.51-55>
- Pattipeilohy, A. J., Umar, C. B. P. U., & Pattilouw, M. T. P. (2022). Uji aktivitas antibakteri Ekstrak Etanol daun Tapak Dara (*Catharantus roseus*) Di Desa

- Lisabata Terhadap Pertumbuhan *Staphylococcus aureus* Dengan Menggunakan Metode Difusi Agar. *Jurnal Rumpun Ilmu Kesehatan*, 2(1), 80–90. <https://doi.org/10.55606/jrik.v2i1.604>
- Pramiastuti, O., Solikhati, D. I. K., & Suryani, A. (2021). Aktivitas antioksidan Fraksi Umbi Bawang Dayak (*Eleutherine bulbosa* (Mill.) Urb) Dengan Metode DPPH (1,1-difenil- 2-pikrilhidrazil) Antioksidant. *Jurnal Wiyata*, 8(1), 55–66.
- Pranata, A., Tutik, T., & Marcellia, S. (2022). Perbandingan Efektivitas Ekstrak etil Asetat dan n-Heksana Kulit Bawang Merah (*Allium cepa* L.) Sebagai Larvasida *Aedes aegypti*. *Jurnal Ilmu Kedokteran Dan Kesehatan*, 8(4), 325–333. <https://doi.org/10.33024/jikk.v8i4.5140>
- Prasetya, I. W. S. W. (2023). Potensi Kandungan Fitokimia Bawang Dayak (*Eleutherine palmifolia*) sebagai Sumber Antioksidan. *Prosiding Workshop Dan Seminar Nasional Farmasi*, 2, 345–355. <https://doi.org/10.24843/wsnf.2022.v02.p27>
- Prayitno, B., Mukti, B. H., & Lagiono. (2018). Optimasi Potensi Bawang Dayak (*Eleutherine* Sp.) Sebagai Bahan Obat Alternatif. *Jurnal Pendidikan Kimia Indonesia*, 4(3), 149–158.
- Puspitasari, E., & Ningsih, I. Y. (2016). Kapasitas Antioksidan Ekstrak Buah Salak (*Salacca zalacca* (Gaertn.) Voss) Varian Gula Pasir Menggunakan Metode Penangkapan Radikal DPPH. *Pharmacy*, 13(01), 116–126.
- Putri, R. A., Simbala, H. E. I., & Mpila, D. A. (2020). Uji Aktivitas antibakteri Ekstrak Etanol Bawang Dayak (*Eleutherine americana* Merr) Terhadap Bakteri *Staphylococcus aureus*, *Escherichia coli*, dan *Salmonella typhi*. *Pharmakon*, 9(4), 525. <https://doi.org/10.35799/pha.9.2020.31360>
- Rahmayani, U., Pringgenies, D., & Djunaedi, A. (2013). Uji Aktivitas Antioksidan Ekstrak Kasar Keong Bakau (*Telescopium telescopium*) dengan Pelarut yang Berbeda terhadap Metode DPPH (Diphenyl Picril Hidrazil). *Journal Of Marine Research*, 2, 36–45. <http://ejournal-s1.undip.ac.id/index.php/jmr>
- Riany, H., Oksi Susilawati, I., & Mardhiah, U. B. (2015). Aktivitas Antimikroba Beberapa Jenis Cairan Pembersih Antibakteri Terhadap Bakteri Tanah Di Kawasan Kampus Universitas Jambi Mendalo. *Prosiding Semirata 2015 Bidang MIPA BKS-PTN Barat*, 251–258.
- Rizalina, H., Cahyono, E., Mursiti, S., & Nurcahyo, B. (2018). Optimasi Penentuan Kadar Metanol dalam Darah Menggunakan Gas Chromatography. *Indonesian Journal of Chemical Science*, 7(3), 254–261.
- Rohde, M. (2019). The Gram-Positive Bacterial Cell Wall. *American Society for Microbiology*. <https://doi.org/10.1128/microbiolspec.GPP3-0044-2018>.Correspondence
- Sa'adah, H., & Nurhasnawati, H. (2017). Perbandingan Pelarut etanol Dan air Pada Pembuatan Ekstrak Umbi Bawang Tiwai (*Eleutherine americana* Merr) Menggunakan Metode Maserasi. *Jurnal Ilmiah Manuntung*, 1(2), 149–153. <https://doi.org/10.51352/jim.v1i2.27>
- Sarker, S. D., Latif, Z., & Gray, A. I. (2008). Natural product isolation. In *Natural Product Reports* (Vol. 25, Issue 3). <https://doi.org/10.1039/b700306b>
- Sheehan, J. R., Sadlier, C., & O'Brien, B. (2022). Bacterial Endotoxins and

- Exotoxins in Intensive Care mMdicine. *BJA Education*, 22(6), 224–230. <https://doi.org/10.1016/j.bjae.2022.01.003>
- Sirhi, S., Astuti, S., & Esti, F. (2017). Iptek Bagi Budidaya dan Ekstrak Bawang Dayak Sebagai Obat Alternatif. *Jurnal Akses Pengabdian Indonesia*, 2(2), 1–7.
- Trijuliamos Manalu, R., Herdini, H., & Danya, F. (2022). Uji Aktivitas Antioksidan Ekstrak Etanol dan Fraksi Daun Gedi hijau (*Abelmoschus manihot*(L.) Medik) Dengan Metode DPPH (1,1-Difenil-2-Pikrilhidrazil). *Pharmaceutical Journal of Indonesia*, 8(1), 17–23. <https://doi.org/10.21776/ub.pji.2022.008.01.3>
- Wang, T., Carroll, W., Lenny, W., Boit, P., & Smith, D. (2006). The Analysis of 1-Propanol and 2-Propanol in Humid Air Samples Using Selected Ion Flow Tube Mass Spectrometry. *Rapid Communications in Mass Spectrometry*, 20(2), 125–130. <https://doi.org/10.1002/rcm.2285>
- Warsiti, W., Wardani, S. D., Ramadhan, A. A., & Yuliani, R. (2019). Uji Aktivitas Antibakteri Ekstrak Etanol Bawang Dayak (*Eleutherine palmifolia* (L.) Merr) Terhadap Bakteri *Staphylococcus aureus*. *Pharmacon: Jurnal Farmasi Indonesia*, 15(2), 75–82. <https://doi.org/10.23917/pharmacon.v15i2.6526>
- Wen, L., Zhao, Y., Jiang, Y., Yu, L., Zeng, X., Yang, J., Tian, M., Liu, H., & Yang, B. (2017). Identification of a Flavonoid C-Glycoside as Potent Antioxidant. *Free Radical Biology and Medicine*, 110(June), 92–101. <https://doi.org/10.1016/j.freeradbiomed.2017.05.027>
- Xie, Y., Yang, W., Tang, F., Chen, X., & Ren, L. (2015). Antibacterial activities of flavonoids: structure-activity relationship and mechanism. *Current Medicinal Chemistry*, 22(1), 132–149. <https://doi.org/10.2174/0929867321666140916113443>
- Yani, N. K. L. P., Nastiti, K., & Noval. (2023). Pengaruh Perbedaan Jenis Pelarut Terhadap Kadar Flavonoid Total Ekstrak Daun Sirsak (*Annona muricata* L.). *Jurnal Surya Medika*, 9(1), 34–44. <https://doi.org/10.33084/jsm.v9i1.5131>
- Yuda, P. E. S. K., Cahyaningsih, E., & Winariyanthi, N. P. Y. (2017). Skrining Fitokimia dan Analisis Kromatografi Lapis Tipis Ekstrak Tanaman Patikan Kebo (*Euphorbia hirta* L.). *Jurnal Ilmiah Medicamento*, 3(2), 61–70. <https://doi.org/10.36733/medicamento.v3i2.891>
- Yulianti. (2013). Extraction of B-Carotenes From Carrots With Hexane and Petroleum Ether Solvent. *Sainstek : Jurnal Sains Dan Teknologi*.