

DAFTAR PUSTAKA

- Ajibade, V.A., Oluwasusi, V.O., Ibiyemi, M.F., Ajenifuja, O.A., Famurewa, O., 2019. Antibacterial Activity of Saponin Extracted from *Phyllanthus niruri* on Methicillin-Resistant *Staphylococcus aureus* (MRSA). *J. Complement. Altern. Med. Res.* 7, 1–9. <https://doi.org/10.9734/jocamr/2019/v7i130092>
- Akiyama, H., Fujii, K., Yamasaki, O., Oono, T., Iwatsuki, K., 2001. Antibacterial action of several tannins against *Staphylococcus aureus*. *J. Antimicrob. Chemother.* 48, 487–491. <https://doi.org/10.1093/jac/48.4.487>
- Ali, A., Chong, C.H., Mah, S.H., Abdullah, L.C., Choong, T.S.Y., Chua, B.L., 2018. Impact of storage conditions on the stability of predominant phenolic constituents and antioxidant activity of dried piper betle extracts. *Molecules* 23. <https://doi.org/10.3390/molecules23020484>
- Amalia, S., Wahdaningsih, S., Untari, E.K., 2015a. ANTIBACTERIAL ACTIVITY TESTING OF N-HEXANE FRACTION OF RED DRAGON (*Hylocereus polyrhizus* Britton & Rose) FRUIT PEEL ON *Staphylococcus aureus* ATCC 25923. *Maj. Obat Tradis.* 19, 89–94. <https://doi.org/10.22146/TRADMEDJ.8146>
- Amalia, S., Wahdaningsih, S., Untari, E.K., 2015b. UJI AKTIVITAS ANTIBAKTERI FRAKSI n-HEKSAN KULIT BUAH NAGA MERAH (*Hylocereus polyrhizus* Britton & Rose) TERHADAP BAKTERI *Staphylococcus aureus* ATCC 25923, *Jurnal Fitofarmaka Indonesia*.
- Bellec. Fabrice Le, Vaillant, F., 2006. Pitahaya (*Hylocereus spp.*): A new fruit crop, a market with a future, in: *Fruits*. pp. 237–250. <https://doi.org/10.1051>
- Britton, N.L., Rose, J.N. (Joseph N., 1919. *The Cactaceae : descriptions dan illustrations of plants of the cactus family*, 2nd ed. Washington : Carnegie Institution of Washington, Washington.
- Chen, C.H., Wang, Y., Nakatsuji, T., Liu, Y.T., Zouboulis, C.C., Gallo, R.L., Zhang, L., Hsieh, M.F., Huang, C.M., 2011. An innate bactericidal oleic acid effective against skin infection of methicillin-resistant *Staphylococcus aureus*: A therapy concordant with evolutionary medicine. *J. Microbiol. Biotechnol.* 21, 391–399. <https://doi.org/10.4014/jmb.1011.11014>
- Clinical and Laboratory Standard Institute (CLSI), 2017. Performance Standards for Antimicrobial Susceptibility Testing, 27th ed. Clinical and Laboratory Standard Institute (CLSI).
- CLSI, 2013. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Third Informational Supplement, CLSI document M100-S16CLSI,

Wayne, PA.

Fauzia, D.V., Kusrini, D., Fachriyah, E., 2018. Isolation dan Testing of Bacteria from Steroid Compounds obtained from Anting-anting Leaf (*Acalypha indica L.*). J. Kim. Sains dan Apl. 21, 64–69. <https://doi.org/10.14710/jksa.21.2.64-69>

Greenwood, D., Barer, M., Slack, R., Irving, W., 2012. Medical Microbiology, 18th ed. Chircill Livingstone.

Hamza, M., Nadir, M., Mahmood, N., Farooq, A., 2016. In vitro effectiveness of triterpenoids dan their synergistic effect with antibiotics against *Staphylococcus aureus* strains. Indian J. Pharmacol. 48, 710–714. <https://doi.org/10.4103/0253-7613.194851>

Hdanayani, P.A., Rahmawati, A., 2012. PEMANFAATAN KULIT BUAH NAGA (Dragon Fruit) SEBAGAI PEWARNA ALAMI MAKANAN PENGGANTI PEWARNA SINTETIS Prima. J. Bahan Alam Terbarukan 1, 19–24.

Hapsari, A., Pujiastutik, Y.E., 2018. THE POTENTIAL EFFECT OF RED DRAGON FRUIT (*Hylocereus polyrhizus*) PEEL ETHANOL EXTRACT ON ENDOMETRIOSIS PROGRESSIVITY IN ENDOMETRIOSIS MICE. J. Kedokt. Hewan 12, 53–56. <https://doi.org/10.21157/j.ked.hewan.v12i2.10497>

Jawetz, Melnick, Adelberg's, 2013. Medical microbiology, McGraw-Hill. <https://doi.org/10.1136/bmj.317.7165.1060>

Jorgensen, J.H., Pfaller, M.A., Funke, G., Ldanry, M.L., Richter, S.S., Warnock, D.W., 2015. Manual of Clinical Microbiology, 11th ed. ASM Press.

Kallio, J., Jaakkola, M., Mäki, M., Kilpeläinen, P., Virtanen, V., 2012. Vitamin C inhibits *staphylococcus aureus* growth dan enhances the inhibitory effect of quercetin on growth of *escherichia coli* in vitro. Planta Med. 78, 1824–1830. <https://doi.org/10.1055/s-0032-1315388>

Khalili, A., Abdullah, C.H.E., Manaf, A., 2012. ANTIBACTERIAL ACTIVITY OF FLESH DAN PEEL METHANOL FRACTIONS OF RED PITAYA, WHITE PITAYA DAN PAPAYA ON SELECTED FOOD MICROORGANISMS. Int. J. Pharm. Pharm. Sci. 4, 185–190.

Khan, M.I., Ahhmed, A., Shin, J.H., Baek, J.S., Kim, M.Y., Kim, J.D., 2018. Green Tea Seed Isolated Saponins Exerts Antibacterial Effects against Various Strains of Gram Positive dan Gram Negative Bacteria, a Comprehensive Study in Vitro dan in Vivo. Evidence-based Complement. Altern. Med. 2018. <https://doi.org/10.1155/2018/3486106>

Manihuruk, F.M., 2016. Efektivitas Ekstrak Kulit Buah Naga Merah (*Hylocereus polyrhizus*) Sebagai Pewarna, Antioksidan, Dan Antimikroba Pada Sosis Daging

Sapi.

Manihuruk, F.M., Suryati, T., Arief, I.I., 2017. Tropical animal science journal., Media Peternakan.

Marks, L.R., Clementi, E.A., Hakansson, A.P., 2013. Sensitization of *Staphylococcus aureus* to Methicillin dan Other Antibiotics In Vitro dan In Vivo in the Presence of HAMLET. PLoS One 8, 1–11. <https://doi.org/10.1371/journal.pone.0063158>

McDonnell Norms Group, 2008. Antibiotic Overuse: The Influence of Social Norms. J. Am. Coll. Surg. 207, 265–275.
<https://doi.org/10.1016/j.jamcollsurg.2008.02.035>

Mirani, Z.A., Khan, M.N., Siddiqui, A., Khan, F., Aziz, M., Naz, S., Ahmed, A., Khan, S.I., 2018. Ascorbic acid augments colony spreading by reducing biofilm formation of methicillin resistant *Staphylococcus aureus*. Iran. J. Basic Med. Sci. 21, 175–180. <https://doi.org/10.22038/ijbms.2018.20714.5398>

Murray, 2013. Medical Microbiology, Seventh Edition- Murray, Rosenthal, Pfaller.

Murray, P.R., Rosenthal, K.S., Pfaller, M.A., 2014. Medical Microbiology, 7th ed. Sdaners, Philadelphia.

Narsudin, Wahyono, Mustofa, Susidarti, R., 2017. Isolasi Senyawa Steroid Dari Kukit Akar Senggugu. Ilm. Farm. 6, 2–9.

Novitasari, A.E., Putri, D.Z., 2016. Isolasi dan Identifikasi Saponin pada Ekstrak Daun Mahkta Dewa dengan Ekstraksi Maserasi. J. Sains 6, 10–14.

Nurliyana, R., Zahir, S., Suleiman, M., Aisyah, ', Rahim, K., 2010. Antioxidant study of pulps dan peels of dragon fruits: a comparative study. Int. Food Res. J. 17, 367–375.

Nurmahani, M.M., Osman, A., Abdul Hamid, A., Mohamad Ghazali, F., Pak Dek, M.S., 2012. Short Communication Antibacterial Property of *Hylocereus Polyrhizus* dan *Hylocereus Undatus* Peel Extracts. Int. Food Res. J. 19, 77–84.

Pratiwi, S.T. (Farmas. U., 2008. Mikrobiologi Farmasi. Penerbit Erlangga, Jakarta.

Rahman, F.A., Haniastuti, T., Utami, T.W., 2017. Skrining fitokimia dan aktivitas antibakteri ekstrak etanol daun sirsak (*Annona muricata L.*) pada *Streptococcus mutans* ATCC 35668. Maj. Kedokt. Gigi Indones. 3, 1.
<https://doi.org/10.22146/majkedgiind.11325>

Rebamang, A.M., Mdanlakayise, L.N., Thdaneka, V.D., Dany, R.O., 2014. Antibacterial activity of two triterpenes from stem bark of *Protorhus longifolia*.

- J. Med. Plants Res. 8, 686–702. <https://doi.org/10.5897/jmpr2013.5259>
- Rebecca, O.P.S., Somasundram, C., Boyce, A.N., 2016. Pigment identification dan antioxidant properties of red dragon fruit (*Hylocereus polyrhizus*). African J. Biotechnol. 9, 1450–1454. <https://doi.org/10.5897/ajb09.1603>
- Rosenbach, 1884. *Staphylococcus aureus* [WWW Document]. URL <https://www.gbif.org/species/3227657/metrics> (accessed 4.13.19).
- Salaheen, S., Peng, M., Joo, J., Teramoto, H., Biswas, D., 2017. Eradication dan sensitization of methicillin resistant *Staphylococcus aureus* to methicillin with bioactive extracts of berry pomace. Front. Microbiol. 8, 1–10. <https://doi.org/10.3389/fmicb.2017.00253>
- Sdanhar, H.K., Kumar, B., Prasher, S., iTwari, P., Salhan, M., Sharma, P., 2011. A Review of Phytochemistry dan Pharmacology of Flavonoids. Int. Pharm. Sci. 1, 25–41.
- Sapara, T.U., Waworuntu, O., 2016. Efektivitas Antibakteri Ekstrak Daun Pacar Air (*Impatiens balsamina L.*) Terhadap Pertumbuhan *Porphyromonas gingivalis*. Pharmacon J. Ilm. Farm. 5, 10–17.
- Sartika, D., Yuliana, N., Maghfiroh, S.R., 2019. Identifikasi Senyawa Antimikroba Alami Pangan pada Ekstrak Kulit Buah Naga Merah dengan Menggunakan GC-MS 24, 67–76. <https://doi.org/10.23960/jtihp.v24i2.67-76>
- Suhartati, R., Arif, R.D., 2017. Aktivitas Antibakteri Ekstrak Etanol Kulit Buah Naga Merah (*Hylocereus polyrhizus*) terhadap Bakteri *Streptococcus pyogenes*. J. Kesehat. Bakti Tunas Husada Tasikmalaya 17, 513–518.
- Sukadana, I.M., Santi, S.S., Juliarti, N.K., 2008. AKTIVITAS ANTIBAKTERI SENYAWA GOLONGAN TRITERPENOID DARI BIJI PEPAYA (*Carica papaya L.*). J. Kim. 2, 15–18.
- Syukur, Muda, W., 2015. MENGENAL BUAH NAGA. Jambi.
- Valero, A., Pérez-Rodríguez, F., Carrasco, E., Fuentes-Alventosa, J.M., García-Gimeno, R.M., Zurera, G., 2009. Modelling the growth boundaries of *Staphylococcus aureus*: Effect of temperature, pH dan water activity. Int. J. Food Microbiol. 133, 186–194. <https://doi.org/10.1016/j.ijfoodmicro.2009.05.023>
- Valgas, C., De Souza, S.M., Smânia, E.F.A., Smânia, A., 2007. Screening Methods to Determine Antibacterial Activity of Natural Products. Brazilian J. Microbiol. 38, 369–380. <https://doi.org/10.1590/S1517-83822007000200034>
- Vdanenesch, F., Lina, G., Henry, T., 2012. *Staphylococcus aureus* hemolysins, bi-

component leukocidins, dan cytolytic peptides: a redundant arsenal of membrane-damaging virulence factors? *Front. Cell. Infect. Microbiol.* 2, 12. <https://doi.org/10.3389/fcimb.2012.00012>

Wahdaningsih, S., Untari, E.K., Fauziah, Y., 2017. Antibakteri Fraksi n-Heksana Kulit *Hylocereus polyrhizus* Terhadap *Staphylococcus epidermidis* dan *Propionibacterium acnes*. *Pharm. Sci. Res.* 1, 180–193. <https://doi.org/10.7454/psr.v1i3.3490>

Widiyati, E., 2006. Penentuan adanya senyawa triterpenoid dan uji aktivitas biologis pada beberapa spesies tanaman obat tradisional masyarakat pedesaan Bengkulu. *J. Gradien* 2, 116–122.

Widodo, N., 2008. Isolasi Dan Karakterisasi Senyawa Alkaloid Yang Terkandung Dalam Jamur Tiram Putih. *Nutr. J.* 3, 275–278. <https://doi.org/10.3390/nu8030167>