

DAFTAR PUSTAKA

1. Carrol K, Morse S, Mietzner T, Miller S. Jawetz, Melnick & Adelberg's Medical Microbiology. 27th ed. United States: McGraw-Hill Education; 2016. 867 p.
2. World Health Organization. Escherichia coli infections [Internet]. 2017 [cited 2018 Nov 29]. Available from: http://www.who.int/foodsafety/areas_work/foodborne-diseases/en/
3. Fadel A, Meiskha B, Aulia C. Uji Efektivitas Antibakteri Ekstrak Daun Binahong (*Anredera cordifolia* (Ten.) Steenis) Terhadap Isolat Bakteri *Escherichia coli* Jajanan Cilok Secara In Vitro Dengan Metode Difusi. *Profesi Med.* 2017;11 No. 1 J:9.
4. Haryanto S, Nugroho. Sehat dan Bugar Secara Alami. Jakarta: Penebar Plus+; 2006.
5. Okwu D, Emenike I. Evaluation of the Phytonutrients and Vitamins Content of Citrus Fruits. *Int J Mol Med Adv Sci.* 2006;2(1):1–6.
6. Suryanto A. Aktivitas Antimikroba Air Perasan Jeruk Nipis (*Citrus aurantifolia*) terhadap *Escherichia coli* secara In Vitro. Bandung; 2014.
7. Cushnie T, Lamb A. Antimicrobial activity of flavonoids. *Int J Antimicrob Agents.* 2006;27(2):181.
8. Cushnie T, Cushnie B, Lamb A. Alkaloids: An overview of their antibacterial, antibiotic-enhancing and antivirulence activities. *Int J Antimicrob Agents.* 2014;44(5):377–86.
9. Griffin S, Wyllie G, Markham J, Leach D. The role of structure and molecular properties of terpenoids in determining their antimicrobial activity. *Flavour Fragr J.* 1999;14:322–32.
10. Arabski M, Węgierek-Ciuk A, Czerwonka G, Lankoff A, Wiesław K. Effects of Saponins against Clinical *E. coli* Strains and Eukaryotic Cell Line. *J Biomed Biotechnol.* 2012;
11. Lou Z, Wang H, Rao S, Sun J, Ma C, Li J. p-Coumaric acid kills bacteria through dual damage mechanisms. *Food Control.* 25AD;2012:550–4.
12. Ngajow M, Abidjulu J, Kamu V. Pengaruh Antibakteri Ekstrak Kulit Batang Matoa (*Pometia pinnata*) terhadap Bakteri *Staphylococcus aureus* secara In vitro. *J MIPA UNSRAT.* 2013;2(2):128–32.
13. Inoue Y, Hada T, Shiraishi A, Hirose K, Hamashima H, Kobayashi S. Biphasic Effects of Geranylgeraniol, Teprenone, and Phytol on the Growth of *Staphylococcus aureus*. *Antimicrob Agents Chemother.* 2005;49(5):1770–1774.
14. Mulia K, Muhammad F, Krisanti E. Extraction of Vitexin from Binahong (*Anredera cordifolia* (Ten.) Steenis) Leaves using Betaine - 1,4 Butanediol Natural Deep Eutectic Solvent (NADES). *Int Conf Chem Chem Process Eng.* 2017;
15. Marwoko MTB. Isolasi, Identifikasi dan Uji Aktifitas Senyawa Alkaloid Daun Binahong (*Anredera cordifolia* (Tenore) Steenis). *Kimia.* 2013;1(1).

16. Faridah A, Holinesti R, Syukri D. Identifikasi Pigmen Betasianin dari Kulit Buah Naga Merah (*Hylocereus Polyrhizus*). 2014;
17. Yong YY, Dykes G, Lee SM, Choo WS. Effect of refrigerated storage on betacyanin composition, antibacterial activity of red pitahaya (*Hylocereus polyrhizus*) and cytotoxicity evaluation of betacyanin rich extract on normal human cell lines. *Food Sci Technol*. 2017;
18. Tsui V, Wong R, Rabie A-B. The inhibitory effects of naringin on the growth of periodontal pathogens in vitro. *Phyther Res*. 2008;22(3):401–6.
19. Kurtis F, Brian D. Hesperidin [Internet]. 2013 [cited 2017 Dec 10]. Available from: <https://examine.com/supplements/hesperidin/#ref201>
20. Aherne S, O'Brien N. Dietary flavonols: chemistry, food content, and metabolism. *Nutrition*. 2002;18(1):75–81.
21. Chodak A. The Inhibitory Effect of Polyphenols on Human Gut Microbiota. *J Physiol Pharmacol*. 2012;497–503.
22. Sirk TW, Friedman M, Brown EF, Sum AK. Molecular Binding of Catechins to Biomembranes: Relationship to Biological Activity. *J Agric Food Chem*. 2009;57(15).
23. Setyowati A. Mengenal Manfaat Daun Binahong Mengatasi Wasir dan Melindungi Paru-paru [Internet]. *Trubus Life*. 2018 [cited 2018 Aug 15]. Available from: <https://life.trubus.id/baca/19267/mengenal-manfaat-daun-binahong-mengatasi-wasir-dan-melindungi-paru-paru>
24. Katno, Subositi D, Mujahid R, Widodo H. Inventaris Tanaman Obat Indonesia VI. Soegiharjo, Widiyastuti Y, editors. Indonesia: Departemen Kesehatan Republik Indonesia; 2006. 198 p.
25. Syakir M, Kardinan A, Wahyuno D, Hadipoentyanti E, Pribadi R, Prastowo B, et al. Penelitian dan Pengembangan Tanaman Industri. 2009;15(1):32.
26. Sauriasari R, Elya B, Handayani R, Permatasari Y, Permana I, Hasyiyati U, et al. Antidiabetic activity and phytochemical screening of extracts from indonesian plants by inhibition of alpha amylase, alpha glucosidase and dipeptidyl peptidase IV. *Pakistan J Biol Sci*. 2015;18(6):279–84.
27. Redha A. Flavonoid: Struktur, Sifat Antioksidatif dan Peranannya Dalam Sistem Biologis. *J Belian*. 2010;9(2):196–202.
28. Methesius U, Weston L. Flavonoids: Their Structure, Biosynthesis and Role in the Rhizosphere, Including Allelopathy. *Chemistry (Easton)*. 2012;39:283–97.
29. Shu-hua L, Qi Z, Ying C, Fang L. Antimicrobial Activities of Vitexin from *Alsophila spinulosa*. 2013;(14):4–6.
30. Levi P. Terpenes [Internet]. *Intermediate Organic Chemistry*. [cited 2018 May 21]. Available from: www.intermediateorgchemistry.co.uk/terpenes.htm
31. Yadav N, Yadav R, Goyal A. Chemistry of Terpenoids. *Int J Pharm Sci Rev Res*. 2014;27(2):272–8.
32. Leliqia NPE, Sukandar EY, Fidrianny I. Overview of Efficacy, Safety and Phytochemical Study of *Anredera cordifolia* (Ten.) Steenis. *Pharmacology*.

- 2017;1:124–31.
33. Moghimipour E, Handali S. Saponin: Properties, Methods of Evaluation and Applications. *Annu Res Rev Biol*. 2015;5(3):207–20.
 34. Avato P, Bucci R, Tava A, Vitali C, Rosato A, Bialy Z, et al. Antimicrobial activity of saponins from *Medicago* sp.: structure-activity relationship. *Phyther Res*. 2006;20(6):454–7.
 35. Rukmana H. Jeruk Nipis: Prospek Agribisnis, Budidaya dan Pascapanen. Yogyakarta: Kanisius; 2003. 55 p.
 36. Putri M. Jeruk Nipis, Buah Asam dengan Sederet Manfaat [Internet]. 2016 [cited 2018 Nov 6]. Available from: <https://www.klikdokter.com/info-sehat/read/2697177/jeruk-nipis-buah-asam-dengan-sederet-manfaat>
 37. Chaudhary S, Khurana S, Mane B. *Escherichia coli*: Animal Foods and Public Health-Review. *J Microbiol Immunol Biotechnol*. 2014;1:31–46.
 38. Espina L, Gelaw T, Lamo-Castellvi S, Pagán R, García-Gonzalo D. Mechanism of Bacterial Inactivation by (+)-Limonene and Its Potential Use in Food Preservation Combined Processes. *PLoS One*. 2013;8(2).
 39. Raja B, Rahim A, Qureshi A, Awang K. Green synthesis of silver nanoparticles using tannins. *Mater Sci*. 2014;32(3):408–13.
 40. Migulla, Castellani, Chalmers, Cavalier, Smith, Rahn, et al. *Escherichia coli* [Internet]. 2005 [cited 2018 Nov 3]. Available from: https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=285#null
 41. Madigan M, Martinko J, Stahl D, Clark D. *Brock Biology of Microorganisms*. 13th ed. USA: Benjamin Cummings; 2012. 1155 p.
 42. Madappa T, Go CH. *Escherichia coli* Infections [Internet]. Medscape. 2017. Available from: <https://emedicine.medscape.com/article/217485-overview#showall>
 43. Ahmad, Nafees; Pottinger, Paul; Drew, W. Lawrence; Reller, L. Barth; Lagunoff, Michael; Sterling CR. Sherris - *Medical Microbiology*. 6th ed. USA: McGraw-Hill Education; 2014. 994 p.
 44. Tortora G, Funke B, Case C. *Tortora Microbiology An Introduction*. 11th ed. USA: Pearson Education; 2013. 975 p.
 45. Goodman A, Hardman J, Limbird L. *The Pharmacological Basis of Therapeutics*. New York: McGraw-Hill; 2001. 1246-1248 p.
 46. Bagul U, Sivakumar S. Antibiotic Susceptibility Testing: A Review on Current Practices. *Int J Pharm*. 2016;6(3):11–7.
 47. POM D. *Farmakope Indonesia*. 3rd ed. Jakarta: Departemen Kesehatan RI; 1979. 650 p.
 48. Leboffe MJ, Pierce BE. *A Photographic Atlas for the Microbiology Laboratory*. 4th ed. Microbiology lab. USA: Morton Publishing Company; 2011. 1-266 p.
 49. Forbes B, Sahm D, Weissfeld A. *Bailey and Scott's Diagnostic Microbiology*. 11th ed. The American Association for Clinical Chemistry; 2002.

50. Rini AA, Supriatno, Rahmatan H. Skrining Fitokimia dan Uji Antibakteri Ekstrak Etanol Buah Kawista (*Limonia acidissima* L.) dari Daerah Kabupaten Aceh Besar Terhadap Bakteri *Escherichia coli*. *J Ilm Mhs Fak Kegur dan Ilmu Pendidik Unsyiah*. 2017;2(1).
51. Kristiani N. Antibiotogram Infeksi Saluran Pernafasan Akut Di Laboratorium Mikrobiologi Klinik Rumah Sakit Immanuel Bandung Periode Januari - Desember 2008. 2010.

