

DAFTAR PUSTAKA

1. Alli JA, Boboye BE, Okonko IO, Kolade AF, Nwanze JC. 2011. Cellular effects of garlic (*Allium sativum*) extract on *Pseudomonas aeruginosa* and *Staphylococcus aureus*. *Pelagia Research Library*. 2(4): 25–36.
2. Amagase H, Petesch BL, Matsuura H, Kasuga S, Itakura Y 2001. Recent Advances on the Nutritional Effects Associated with the Use of Garlic as a Supplement. *JN*. 1:1118–9.
3. Bayan L, Koulivand PH, Gorji A. 2014. Garlic: a review of potential therapeutic effects. *Avicenna Journal of Phytomedicine*. 4(1):1–1.
4. Bennet P, Brown M, Sharma P. 2012. *Clinical Pharmacology*. London: Elsevier. Bentley R, Meganathan R. 1982. Biosynthesis of Vitamin K (menaquinone) in Bacteria. *Microbiological Reviews*. 46(3):241–80.
5. Borlinghaus J, Albrecht F, Gruhlke MCH, Nwachukwu ID, Slusarenko AJ. 2014. Allicin: chemistry and biological properties. *Molecules (Basel, Switzerland)*. 19(8):12591–618.
6. Brooks GF, Carroll KC, Butel JS, Morse SA. 2007. *Jawetz, Melnick, Adelberg's Medical Microbiology*. London:McGraw-Hill Medical.
7. CDC. 2014a. Antimicrobial Resistance. Diakses tanggal 6 Maret 2015. Tersedia dari: <http://www.cdc.gov/drugresistance/>
8. CDC. 2014b. E.coli (*Escherichia coli*). Diakses tanggal 5 April 2015. Tersedia dari: <http://www.cdc.gov/ecoli/index.html/>
9. CLSI, 2012. *Performance Standards for Antimicrobial Disk Susceptibility Tests: Approved Standard* 11th ed., Pennsylvania: CLSI.
10. Cutler RR, Wilson P. 2004. Antibacterial activity of a new, stable, aqueous extract of allicin against methicillin-resistant *Staphylococcus aureus*. *British Journal of Biomedical Science*. 61(2):71–4.
11. Manuela stan. 2017. In vitro Antibacterial Activity and Stability of Garlic Extract at Different pH and Temperature. *Electric Journal of Biology*. 5(1):5–10.
12. Ehrlich, SD. 2011. Garlic. Diakses tanggal 16 Maret 2016. Tersedia dari: <https://umm.edu/health/medical/altmed/herb/garlic>
13. Fujisawa H, Suma K, Origuchi K, Seki T, Ariga T. 2008. Thermostability of allicin determined by chemical and biological assays. *Bioscience, Biotechnology, and Biochemistry*. 72(11):2877–83.
14. Fujisawa H, Watanabe K, Suma K, Origuchi K, Matsufuji H, Seki T,

- Ariga T. 2009. Antibacterial potential of garlic-derived allicin and its cancellation by sulfhydryl compounds. *Bioscience, Biotechnology, and Biochemistry*, 73(9): 1948–55.
15. Garzoni C, Kelley WL. 2009. Staphylococcus aureus: New Evidence for Intracellular Persistence. *Trends in Microbiology*. 2(17): 59-65
 16. Gordon RJ, Lowy FD. 2010. Pathogenesis of methicillin-resistant Staphylococcus aureus infection. *Clinical Infectious Diseases*. 46(5):350–9.
 17. Harris JC, Cottrell SL, Plummer S, Lloyd D. 2010. Antimicrobial properties of Allium sativum (garlic). *Applied Microbiology and Biotechnology*. (57):282- 6.
 18. Hill LR. 2000. Taxonomy of the Staphylococci. *The Staphylococci: Proceedings of the Alexander Ogston Centennial Conference*.
 19. Wanjau.2018. Antimicrobial activity of garlic (Allium sativum L.). *Postepy Fitoterapii*. (11): 46-52
 20. Lowy FD. 2010. Staphylococcus aureus Infections. *The New England Journal of Medicine*, 339(8):520–32.
 21. Lingga ME, Rustama MM. 2009. Uji Aktivitas Antibakteri dari Ekstrak Air dan Etanol Bawang Putih (Allium sativum L.) Terhadap Bakteri Gram Negatif dan Gram Positif yang Diisolasi dari Udang Dogol (Metapenaeus monoceros), Udang Lobster (Panulirus sp), dan Udang Rebon (Mysis dan Acetes). Sumedang: Universitas Padjadjaran.
 22. Madakusuma AR. 2009. Uji Daya Hambat Umbi Bawang putih (Allium sativum linn) Terhadap Pertumbuhan Candida albicans Dengan Metode Dilusi Tabung Secara In Vitro. Lampung: Universitas lampung.
 23. Safitri,Rustama,Kusmoro.2014.Efek Ekstrak bawang putih terhadap pertumbuhan bakteri Staphylococcus Aureus, Escherichia Coli, S.agalactia.*Med.Journal*.Vol 65.page 72-82
 24. Lemar KM, Turner MP, Lloyd.2018. Garlic (Allium sativum) as an anti-Candida agent : a comparison of the efficacy og fresh garlic and freeze-dried extracts.*Microbiology journal*.Vol 52.page 1365-1375
 25. Shokrzadeh.2014.Antibacterial effect of Garlic.*Journal of Microbiology science*.Vol.70, Nr. 1,C93.
 26. Ekwenye.2013.Anti-bacterial effect of garlic (Allium sativum) and

ginger (*Zingiber officinale*) against *Staphylococcus aureus*, *Salmonellathypii*, *Escherichia coli* and *Bacillus cereus*. *Journal of Microbiology, biotechnology and food sciences*. Vol 2.p.2481-2491.

27. Uzodike, Igwe. 2012. Efficacy of garlic (*Allium sativum*) on *Staphylococcus Aureus* conjunctivities. *JNOA*. Vol 12.p.20-22.
28. El-Mahmood Muhammad, derease. 2012. Efficacy of Crude extracts of garlic (*Allium sativum* Linn.) againts nosocomical *Escherichia coli*, *Staphylococcus aureus*, *Streptococcus pneumoniae* and *Pseudomonas aeruginosa*. *Journal of Medicinal Plants Research*. Vol 3(4).p.179-185
29. Hyunjoo. 2018. Antioxidant and antimicrobial activities of fresh garlic and powder garlic. *Food Sci Biotechnol*. 27(1).p. 219-225.
30. Ockerman HW. 2016. Antioxidant and antimicrobial effects of garlic. *NCBI*. 37(8).p.849-855
31. Takashi. 2013. A Comprehensive Survey of Garlic Functionality. *Food SCI Journal*. 21(1-4).p.22-32
32. Hannah Curtis. 2014. Broad-spectrum activity of the volatile phytoanticipin allicin in extracts of garlic (*Allium sativum* L) against plant pathogenic bacteria, fungi dan Oomycetes. *Physiological and Molekular*. 65 (2).p.79-89
33. Koo Hui Miean. 2012. Flavonoid (Myricetin, quarcetin, Kaempferol, Lutolin and Apigenin) content of Edible Tropical Plants. *Journal of Agricultural and Food Chemistry*. 49(6) .p.3106-12
34. Terrace Leighton. 2016. characterization of Active Compounds of Different Garlic (*Allium sativum* L.) Cultivars. *Journal of Food and Nutrition Sciences*. Vol 68 (1).p.354-70.
35. Ramesh. 2017. Bioactive Compounds and Biological Functions of Garlic (*Allium Sativum*). *Journal of Microbiology*. Vol 8.p.1-31
36. Miller LG, Kaplan SL. 2009. *Staphylococcus aureus*: A Community Pathogen. *Infectious Disease Clinics of North America*. 1(23):35-52.
37. Sparkman, O.D., Penton, Z., Fulton, G. 2014. Gas chromatography and mass spectrometry : a practical guide. Elsevier.

38. Lindsay, S; John Wiley & Sons,2012. High Performance Liquid Chromatography. 2nd (ed), Chischer.New York.Vol 2(25): 45-50.
39. Kristianingrum, Susila. (2014). Handout Spektroskopi Infra Merah. Yogyakarta: Jurusan Pendidikan Kimia Universitas Negeri Yogyakarta.
40. Saifuddin.2009.Metode Penelitian. (Pustaka belajar)
41. Yoshinura.2018.Bioactive compounds in selected hot spices and medicinal plants. *Journal of agronomy*. Vol.8.p.32-49.
42. Azeem.2017. Biochemical compounds of fresh garlic, powder and extract garlic. *Journal of agricultural*.vol 5.p.10-25
43. Lowry T.2018.Measure biochemical of powder and extract garlic with FTIR. *Indian Journal of Clinical Biochemistry*. Vol 11.p.37-41

