

DAFTAR PUSTAKA

- Agaoglu, S., Dostbil, N., Alemdar, S. (2005). Antimicrobial Effect of Seed Extract of Cardamom (*Elettaria cardamomum* Maton). *YYÜ Vet Fak Derg*, 16 (2), 99-101.
- Andrews, J. M. (2001). Determination of Minimal Inhibitory Concentration. *Journal of Antimicrobial Chemotherapy* 48, 5-16.
- Annisa, R. (2014). *Chapter II*. [online] diakses dari : <http://repository.usu.ac.id/bitstream/123456789/42475/4/Chapter%20II.pdf> (20 Februari 2015).
- Arnesen, L. P., Fagerlund, A., Granum, P.E. (2008). From soil to gut: *Bacillus cereus* and its food poisoning toxins. *FEMS Microbiology*, 32, 579-606.
- Arora, D. S. & Bhardwaj, S.K. (1997). Antibacterial activity of some medicinal plants. *Geobios-lyon*, 24, 127-131.
- Badan POM RI. (2010). Direktorat Obat Asli Indonesia. *Acuan Sediaan Herbal*, 5, 5-7.
- Bart, H. & Pilz, S. (2011). *Industrial Scale Natural Products Extraction, First Edition*. Wiley-VCH Verlag GmbH & Co.
- Ben, A., Combes, S., Preziosi, L., Gontard, N., Chalier. (2005). Antimicrobial activity of carvacrol related to its chemical structure. *Letters in Applied Microbiology*, 2 (66), 8254.
- Beauchamp, R.O., Clair M. B., Fennell T. R., Clarke, D. O., Morgan, T. K., Kari, F.W. (1992). A critical review of the toxicology of glutaraldehyde. *Critical Reviews In Toxicology*. (22), 143–174.
- Black, P., Setlow, Hocking, A., Stewart, M., Kelly, L., Hoover, D. (2007). Response of spores to high-pressure processing. *Comprehensive Reviews in Food Science and Food Safety*, 6, 103-119.
- Cappuccino, G. J. & Sherman, N. (1999). *Microbiology a laboratory manual*. 5th Edition. California : Pearson Benjamin Cummings Publishers.

- Cazemier, A., Wagenaars, S.F.M., Steeg, P. (2001). Effect of sporulation and recovery medium on the heat resistance and amount of injury of spores from spoilage Bacilli. *Journal of Applied microbiology, Application Toxicology*, 21 (1), 31–51.
- Chada, V.G. (2003). Morfogenesis of *Bacillus* Spore Surface. *Journal Bacteriol*, 185(21), 6255-6261.
- Clinical Laboratory Standards Institute (CLSI). (2003). *Reference method for dilution antimicrobial susceptibility tests for bacteria that grow aerobically. Approved standard M7-A6*. USA: National Committee for Clinical Laboratory Standards.
- Disqus. (1999). *Cardamom Plant*. [Online] diakses dari http://upload.wikimedia.org/wikipedia/commons/9/9c/Cardamom_plant.jpg (10 Mei 2015).
- Drobniewski, F. A. (1993). *Bacillus cereus* and Related Species. *Clinical Microbiology*. 6(4), 324.
- European Commision. (2000). Opinion of The Scientific Committee on Animal Nutrition on the Safety of Use of *Bacillus* Species in Animal Nutrition. Directorate B - Scientific Health Opinions, Unit B3, Management of scientific committees II.
- Fathoni, A. (2006). *Metodologi Penelitian & Teknik Penyusunan Skripsi*. Jakarta: PT. Rineka Cipta.
- Garthh. (2011). Gram-stained preparation of *Bacillus subtilis*. [online] diakses dari: <http://www.microbeworld.org/component/jlibrary/?view=article&id=7841> (8 Mei 2015).
- Gaur, A.H., Patrick, C.C., McCullers, J.A., Flynn, P.M., Pearson, T.A., Razzouk, B.I., Thompson, S.J., Shene, J.L. (2001). *Bacillus cereus* bacteremia and meningitis in immunocompromised children. *Clinical Infectious*, 32, 1456-1462.

- Gorman, S.P., Schott, E. M., Russel, A.D. (1980). Antimicrobial Activity, Uses, and Mechanism of Action Glutaraldehyde. *Journal Application Bacteriology*, 48,161–190.
- Islam, S., Rahman, A., Sheikh, M. I., Rahman, M., Jamal, A. H., Alam, J. (2010). In vitro Antibacterial Activity of Methanol Seed Extract of *Elettaria cardamomum* (L.) Maton. *Agriculturae Conspectus Scientifici*, 75(3), 113-117.
- Jamal, A., Javed, K., Aslama, M., Jafri, M. A. (2006). Gastroprotective effect of cardamom, *Elettaria cardamomum* Maton, fruits in rats. *Journal Ethnopharmacol*, 103, 149-153.
- Jaquette, C. B. & Beuchat, L. R. (1998). Combined Effects of pH, Nisin, and Temperature on Growth and Survival of Psychrotrophic *Bacillus cereus*. *Journal of Food Protection*, 513-648.
- Jones, L. (1968). Antispora Activity of Sodium Hypochlorite at Subzero Temperatures. *Applied Microbiology*, American Society for Microbiology, 787-791.
- Kalbe. (2010). Keefektifan *Chlorhexidine* Gel Intra-alveolar pada Alveolar Osteitis dan Komplikasi Perdarahan pada Pembedahan Molar Ketiga Mandibular Pasien dengan Gangguan Perdarahan. *CDK*, 179.
- Karlsmose, S. (2010). Laboratory Protocol: “Susceptibility testing of Enterobacteriaceae using disk diffusion”. *WHO Global Foodborne Infections Network*, 1-11.
- Kida, N., Mochizuki, Y., Taguchi, F. (2003). An Effective Sporicidal Reagent against *Bacillus subtilis* Spores. *Microbiology dan Immunology*., 47(4), 279–283.
- Kirk, E. (2009). *Bacillus subtilis*. [online] diakses dari : http://web.mst.edu/~microbio/BIO221_2009/B_subtilis.html (12 Mei 2015).

- Korikontimath, V.S., Mulge, R., Zachariah, J. (1999). Variations in essential oil constituents in high yielding selections of cardamom. *Journal Plantation Craps*, 27, 230-232.
- Kubo, I., Himejima, M., Muroi, H. (1991). Antimicrobial Activity of Flavor Components of Cardamom *Elettaria cardamomum* (Zingiberaceae) Seed. *Journal Agriculture Food Chemical*, 39,1984-1986.
- Last, W. (2013). DMSO or Dimethyl Sulfoxide. *Bio-Medicals Pty Ltd*.
- Leventin, E. & McMahon, K. (2011). *Plants and Society: Sixth Edition*. New York : Mc-Graw Hill.
- Li, S. (2011). Enhancement of the antimicrobial activity of eugenol and carvacrol against *Escherichia coli* O157:H7 by lecithin in microbiological media and food. (Tesis). University of Tennessee
- Logan, N. A. (1988). *Bacillus* species of medical and veterinary importance. *Journal Medical Microbiology*, 25,157-165.
- Madigan, M.T., Martinko, J. M., Parker, J. (2003). *Brock Biology of Microorganism*. New Jersey: Prentice Hall.
- Matthews, M. & Jack, M. (2011). *Spices and Herbs for Home and Market*. Rome: Food and Agriculture Organization of the United Nations.
- McDonnel, G. & Russel, A.D. (1999). Antiseptics and Disinfectants: Activity, Action, and Resistance. *Clinical Microbiology Reviews*, 12(1), 147–179.
- Naik, M. I., Fomda, B. A., Jaykumar, E., Bhat, J. A. (2010). Antibacterial activity of lemongrass (*Cymbopogon citratus*) oil against some selected pathogenic bacteria. *Asian Pacific Journal of Tropical Medicine*, 535-538.
- Nychas, G. J. E. (1995). *Natural Antimicrobials from Plants: New method of food preservation* 58-89. US: Springer

- Oliver, S. P., Gillespie, B. E., Lewis, M. J., Ivey, S. J., Almeida, R. A., Luther, D. A., Johnson, D. L., Lamar, K. C., Moorehead, H. D., Dowlen, H. H. (2001). Efficacy of a new premilking teat disinfectant containing a phenolic combination for the prevention of mastitis. *Journal of Dairy Science*. 84, 1545-1549.
- Pelczar, M. J. & Chan, E. C. S. (2008). *Dasar-Dasar Mikrobiologi* 2. Jakarta: UI Press.
- Prasetyo. (2004). Budidaya Kapulaga sebagai Tanaman Sela pada Tegakan Sengon. *Jurnal Ilm-Ilmu Pertanian Indonesia*, 6(1), 22-31
- Priest, G. F. (1990). 11 *Bacillus*. Edinburgh, Scotland, UK
- Public Health England. (2015). *Identification of Bacillus species*. UK Standards for Microbiology Investigations. ID 9 Issue 3. [Online] diakses dari : <https://www.gov.uk/uk-standards-for-microbiology-investigations-smi-quality-and-consistency-in-clinical-laboratories>(24 Mei 2015).
- Puspitojati, E. (2013). *Bahaya Penggunaan Formalin Pada Makanan*. [Online] diakses dari: stppyogyakarta.ac.id/wp-content/uploads/2013/03/mie-formalin.pdf (12 Mei 2015).
- Rahmawati, F. (1999). *Pengawetan Makanan dan Permasalahannya*. Jurusan Pendidikan Teknik Boga dan Busana, Fakultas Tekhnik, Universitas Negeri Yogyakarta.
- Reynolds, J. (2011). *The Endospore Staining*. Richland College, BIOL 24(21), 1.
- Rukayadi, Y., Lee, K., Han, S., Kim, S., Hwang, J. (2009). Antibacterial and Sporicidal Activity of Macelignan Isolated from Nutmeg (*Myristica fragrans* Houtt.) against *Bacillus cereus*. *Food Science Biotechnology*, 18(5), 1301-1304.
- Russel, A. D. (1990). Bacterial Spores and Chemical Antispora Agents. *Clinical Microbiology*, 3(2), 99.

- Sengupta A., Ghosh, S., Bhattacharjee, S. (2005). Dietary cardamom inhibits the formation of azoxymethane-induced aberrant cryptfoci in mice and reduces COX-2 and iNOS expression in the colon. *Asian Pac J Cancer Prev* 6(2), 118-122.
- Setlow, B., Tennen, R., Setlow, B., Genest, P.C., Loshon, C. A. (2001). Mechanisms of Killing Spores of *Bacillus subtilis* by Acid, Alkali and Ethanol. *Journal of Applied Microbiology*, 92,362–375.
- Setyawan, A. D., Wiryanto, Suranto, Bermawi, N., Sudarmono. (2014). Short Communication: Comparisons of isozyme diversity in local Java cardamom (*Amomum compactum*) and true cardamom (*Elettaria cardamomum*). *Journal Biosains*, Vol 6, 94-101.
- Siagian, A. (2002). Mikroba patogen pada makanan dan sumber pencemarannya. Fakultas Kesehatan Masyarakat, Universitas Sumatera Utara, Medan.
- Singh, G., Kiran, S., Marimuthu, P., Isidorov, S., Vinogradova, V. (2008). Antioxidant and antimicrobial activities of essential oil and various oleoresins of *Elettaria cardamomum* (seeds and pods). *Journal of the Science of Food and Agriculture*, Vol 88, 280–289.
- Slepecky, Ralph, Ernes, H. (2006). The Genus *Bacillus*—Nonmedical. *Prokaryotes*, 4(16), 530–562.
- Smith, D. R. & Wang, R. S. (2006). Glutaraldehyde Exposure and its Occupational Impact in the Health Care Environment. *Environmental Health and Preventive Medicine*, 11, 3–10.
- Suhara. (2009). *Dasar-Dasar Biokimia*. Bandung: Prisma Press.
- Suparman, D., Kusumaningrum, D., Yulianto. (2012). *Studi Etnobotani Tumbuhan Sub Kelas Rosidae Dan Penggunaannya Sebagai Obat Tradisional di Kecamatan Baturraden Kabupaten Banyumas*. Fakultas Farmasi, Universitas Muhammadiyah Purwokerto.
- Sutton, S. (2011). Accuracy of Plate Counts. *Journal Of Vaudation Technology (Summer 2011)*, 17 (3), 42-46.

- Tennen, R., Setlow, B., Davis, K. L., Loshon, C. A., Setlow, P.(2000). Mechanisms of Killing of Spores of *Bacillus cereus* by Iodine, Glutaraldehyde and Nitrous Acid. *Journal of Applied Microbiology*, 89, 330-338.
- Thomas, S. & Russell, A. D. (1974). Temperature-induced changes in the sporicidal activity and chemical properties of glutaraldehyde. *Application Microbiology*, 28, 331–335.
- Todar, K. (2012). *Bacillus cereus food poisoning*. [online] diakses dari : <http://textbookofbacteriology.net/B.cereus.html> (25 Juni 2015).
- Wijnands, L.M., Dufrenne, J.B., Leusden, F.M., Abbe, T. (2007). Germination of *Bacillus cereus* spores is induced by germinants from differentiated Caco-2 Cells, a human cell line mimicking the epithelial cells of the small intestine. *Application Environment Microbiology*, 73, 5052-5054.
- Wiked. (2010). *Elettaria cardamomum*. [online] diakses dari : http://www.biodiversityofindia.org/index.php?title=Elettaria_cardamomum (13 Mei 2015).
- Wipat, A., Hardwood, C. R. (1998). The *Bacillus subtilis* genome sequence: the molecular blueprint of a soil bacterium. *FEMS Microbiology:Ecology*, 28, 1-9.
- Wong, H. (2010). *Bacillus cereus*. Department of Microbiology, Soochow University.
- Young & James. (1959). *Chemical and Morphological Studies of Bacterial Spore Formation, I. The Formation of Spores in Bacillus cereus*. Department of Bacteriology and Immunology and the Department of Biochemistry, University of Western Ontario, London, Canada.
- Zainin, N. S., Lau, K. Y., Zakaria, M., Son, R., Abdull Razis, A. F., Rukayadi, Y. (2013). Antibacterial activity of *Boesenbergia rotunda* (L.) Mansf. A. extract against *Escherichia coli*. *International Food Research Journal* 20(6), 3319-3323.

Zhang, Y. (2007). Mechanisms of Antibiotic Resistance in the Microbial World. *Clinical Pharmacology & Therapeutics*, 82, 595-600.