

## DAFTAR PUSTAKA

1. Harborne, J. B. Metode Fitokimia: Penuntun Cara Modern Menganalisis Tumbuhan, Diterjemahkan Oleh Kosasih Padmawinata Dan Iwang Soediro. *Penerbit ITB, Bandung 1987.*
2. Hertiani, T.; Pramono, S.; Supardjan, D. Uji Daya Antioksidan Senyawa Flavonoid Daun Plantago Major L. *Maj. Farm. Indones.* **2000**.
3. Habib, H. M.; Ibrahim, W. H. Nutritional Quality Evaluation of Eighteen Date Pit Varieties. *Int. J. Food Sci. Nutr.* **2009**.
4. Zaid, A. *Date Palm Cultivation*; FAO Plant Production and Protection Division: Roma, **2002**.
5. Bouhlali, E. dine T.; Alem, C.; Ennassir, J.; Benlyas, M.; Mbark, A. N.; Zegzouti, Y. F. Phytochemical Compositions and Antioxidant Capacity of Three Date (*Phoenix Dactylifera L.*) Seeds Varieties Grown in the South East Morocco. *J. Saudi Soc. Agric. Sci.* **2017**, 16 (4), 350–357.
6. Abuelgassim, A. O.; Eltayeb, M. A.; Ataya, F. S. Palm Date (*Phoenix Dactylifera*) Seeds: A Rich Source of Antioxidant and Antibacterial Activities. *Czech J. Food Sci.* **2020**, 38 (3), 171–178.
7. Saryono, S.; Sumeru, A.; Proverawati, A.; Efendi, F. Decreasing Carbon Tetrachloride Toxicity Using Date-Seed (*Phoenix Dactylifera L.*) Steeping in Rats. *Toxicol. Environ. Health Sci.* **2018**, 10 (2), 139–145.
8. Dhevi V. Sundar, R.; Segaran, G.; Shankar, S.; Settu, S.; Ravi, L. Bioactivity of *Phoenix Dactylifera* Seed and Its Phytochemical Analysis. *Int. J. Green Pharm.* **2017**, 11 (2), 292–297.
9. Saryono, S.; Eliyan, J.; Herdiati, D.; Khikmatullah, A. .; Silvana, C. .; Adi, H. . Anti-Atherogenic Properties of Deglet Noor Date Seeds (*Phoenix Dactylifera*) Methanol Extract on Diet-Induced Hypercholesterolemic Rats. *IOP Conf. Ser. Mater. Sci. Eng.* **2017**, 172 (1), 1–5.
10. Tuminah, S. Efek Asam Lemak Jenuh Dan Asam Lemak Tak Jenuh “Trans” Terhadap Kesehatan. *Media Penelit. dan Pengemb. Kesehat.* **2009**, 19 (2), 13–20.
11. Satuhu, S. *Kurma Khasiat Dan Olahannya*, Edisi 1.; Shinta, Annisa, Eds.; Penebar Swadaya: Jakarta, **2010**.
12. Mallhi, T. H.; Qadir, M. I.; Ali, M.; Ahmad, B.; Khan, Y. H.; Atta-Ur-Rehman. Ajwa Date (*Phoenix Dactylifera*): An Emerging Plant in Pharmacological Research. *Pak. J. Pharm. Sci.* **2014**, 27 (3), 607–616.
13. Rahmadi, A. Kurma. *Food Technol. Neuro-biologist Pharmacol.* **2010**.
14. Chandrasekaran, M.; Bahkali, A. H. Valorization of Date Palm (*Phoenix Dactylifera*) Fruit Processing by-Products and Wastes Using Bioprocess Technology - Review. *Saudi J. Biol. Sci.* **2013**, 20 (2), 105–120.
15. Hamada, J. S.; Hashim, I. B.; Sharif, F. A. Preliminary Analysis and Potential Uses of Date Pits in Foods. *Food Chem.* **2002**.
16. Almana, H. A.; Mahmoud, R. M. Palm Date Seeds as an Alternative Source of Dietary Fiber in Saudi Bread. *Ecol. Food Nutr.* **1994**.

17. Hilary, S.; Tomás-Barberán, F. A.; Martinez-Blazquez, J. A.; Kizhakkayil, J.; Souka, U.; Al-Hammadi, S.; Habib, H.; Ibrahim, W.; Platat, C. Polyphenol Characterisation of Phoenix Dactylifera L. (Date) Seeds Using HPLC-Mass Spectrometry and Its Bioaccessibility Using Simulated In-Vitro Digestion/Caco-2 Culture Model. *Food Chem.* **2020**, 3 (11), 1–9.
18. Besbes, S.; Blecker, C.; Deroanne, C.; Bahloul, N.; Lognay, G.; Drira, N. E.; Attia, H. Date Seed Oil: Phenolic, Tocopherol and Sterol Profiles. *J. Food Lipids* **2004**, 11 (4), 251–265.
19. Adeosun, A. M.; Oni, S. O.; Ighodaro, O. M.; Durosinlorun, O. H.; Oyedele, O. M. Phytochemical, Minerals and Free Radical Scavenging Profiles of Phoenix Dactylifera L. Seed Extract. *J. Taibah Univ. Med. Sci.* **2016**, 11 (1), 1–6.
20. Radfar, R.; Farhoodi, M.; Ghasemi, I.; Khaneghah, A. M.; Shahraz, F.; Hosseini, H. Assessment of Phenolic Contents and Antioxidant and Antibacterial Activities of Extracts from Four Varieties of Iranian Date Palm (Phoenix Dactylifera L.) Seeds. *Appl. Food Biotechnol.* **2019**, 6 (3), 173–184.
21. Masmoudi-Allouche, F.; Touati, S.; Mnafgui, K.; Gharsallah, N.; El Feki, A.; Allouche, N. Phytochemical Profile, Antioxidant, Antibacterial, Antidiabetic and Anti-Obesity Activities of Fruits and Pits from Date Palm (Phoenix Dactylifera L.) Grown in South of Tunisia. *J. Pharmacogn. Phytochem.* **2016**, 5 (3), 15–22.
22. Julianto, T. S. *Fitokimia Tinjauan Metabolit Sekunder Dan Skrining Fitokimia*, 1st ed.; Universitas Islam Indonesia: Yogyakarta, **2019**.
23. Ulung Anggraito, Y.; Lisdiana; Harnina Bintara, S.; Aini Habibah, N.; Sri Iswari, R. *Metabolit Sekunder Dari Tanaman : Aplikasi Dan Produksi*; Fakultas MIPA Universitas Negeri Semarang: Semarang, **2018**.
24. Wolfender, J. L.; Marti, G.; Thomas, A.; Bertrand, S. Current Approaches and Challenges For The Metabolite Profiling of Complex Natural Extracts. *J. Chromatogr. A* **2015**, 1382, 136–164.
25. Fiehn, O. Combining Genomics, Metabolome Analysis, and Biochemical Modelling to Understand Metabolic Networks. *Comp. Funct. Genomics* **2001**, 2 (3), 155–168.
26. Fernie, A. R.; Trethewey, R. N.; Krotzky, A. J.; Willmitzer, L. Metabolite Profiling: From Diagnostics to Systems Biology. *Mol. Cell Biol.* **2004**, 5, 1–7.
27. Mangurana, W. O. I.; Yusnaini, Y.; Sahidin, S. Analisis LC-MS/MS (Liquid Chromatograph Mass Spectrometry) Dan Metabolit Sekunder Serta Potensi Antibakteri Ekstrak n-Heksana Spons Callyspongia Aerizusa Yang Diambil Pada Kondisi Tutupan Terumbu Karang Yang Berbeda Di Perairan Teluk Staring. *J. Biol. Trop.* **2019**, 19 (2), 131.
28. Akter, J.; Hossain, M. A.; Takara, K.; Islam, M. Z.; Hou, D. X. Antioxidant Activity of Different Species and Varieties of Turmeric (Curcuma Spp): Isolation of Active Compounds. *Comp. Biochem. Physiol. Part - C Toxicol. Pharmacol.* **2019**.
29. Sehwag, S.; Das, M. Antioxidant Activity : An Overview. *J. Food Sci. Technol.* **2013**, 2 (7), 1–11.
30. Anuj, Y.; Rewa, K.; Ashwani, Y.; J.P., M.; Seweta, S.; Shashi, P. Antioxidants and Its Functions in Human Body. *Res. Environ. Life Sci.* **2016**, 9 (11), 1328–1331.

31. Hamid, A. A.; Aiyelaagbe, O. O.; Usman, L. A.; Ameen, O. M.; Lawal, A. Antioxidant: Its Medicinal and Pharmacological Applications. *African J. Pure Appl. Chem.* **2010**, 4 (8), 142–151.
32. Kähkönen, M. P.; Hopia, A. I.; Vuorela, H. J.; Rauha, J. P.; Pihlaja, K.; Kujala, T. S.; Heinonen, M. Antioxidant Activity of Plant Extracts Containing Phenolic Compounds. *J. Agric. Food Chem.* **1999**, 47 (10), 3954–3962.
33. Miller, A. L. Antioxidant Flavonoids: Structure, Function and Clinical Usage. *Altern. Med. Rev.* **1996**, 1 (2), 103–111.
34. Ginter, E.; Simko, V.; Panakova, V. Antioxidants in Health and Disease. *Bratislava Med. J.* **2014**, 115 (10), 603–606.
35. Wahdaningsih, S.; Prawita Setyowati, E.; Wahyuono, S. Aktivitas Penangkap Radikal Bebas Dari Batang Pakis (Alsophila Glauca J. Sm). *Maj. Obat Tradis.* **2011**, 16 (3), 156–160.
36. Wijaya, H.; Junaidi, L. Antioksidan: Mekanisme Kerja Dan Fungsinya Dalam Tubuh Manusia. *Journal of Agro-Base Industry.* **2011**, pp 44–55.
37. Molyneux, P. The Use of the Stable Free Radical Diphenylpicryl-Hydrazyl (DPPH) for Estimating Antioxidant Activity. *Songklanakarin J. Sci. Technol.* **2004**.
38. Xia, E. Q.; Deng, G. F.; Guo, Y. J.; Li, H. Bin. Biological Activities of Polyphenols from Grapes. *Int. J. Mol. Sci.* **2010**.
39. Aditya, F.; Saleh, C.; Marliana, E. Uji Aktivitas Antibakteri Daun Rambai (Baccaurea Motleyana Mull. Arg.). *J. At.* **2020**, 05 (1), 11–17.
40. Linggama, G. A.; Salindeho, N.; Taher, N.; Kembaren, M. S.; Montolalu, L. A.; Harikedua, Si. D.; Damongilala, L. Aktivitas Antibakteri Air Rebusan Daun Mangrove Sonneratia Alba Di Desa Wori Kabupaten Minahasa Utara. *J. Media Teknol. Has. Perikan.* **2019**, 7 (2), 41–45.
41. Koyongian, S. E.; Sumilat, D. A.; Lintang, R. A. J.; Wullur, S.; Tilaar, S. O.; Pangkey, H. Isolasi Bakteri Yang Bersimbion Dengan Ascidian Herdmania Momus Yang Memiliki Aktivitas Antibakteri. *J. Pesisir Dan Laut Trop.* **2020**, 8 (2), 21–26.
42. Firdaus, T. Efektifitas Ekstrak Bawang Dayak (Eleutherine Palmifolia) Dalam Menghambat Pertumbuhan Bakteri Staphylococcus Aureus, UIN Syarif Hidayatullah, **2014**.
43. Ganiswarna, S. G. *Farmakologi Dan Terapi*, Edisi 4.; Fakultas Kedokteran Universitas Indonesia: Depok, **1995**.
44. Dahlan, A.; Wahyuni, S.; Ansharullah. Morfologi Dan Karakterisasi Pertumbuhan Bakteri Asam Laktat (Um 1.3a) Dari Proses Fermentasi Wikau Maombo Untuk Studi Awal Produksi Enzim Amilase. *J. Sains dan Teknol. Pangan* **2017**, 2 (4), 657–663.
45. Utami, E. R. Antibiotika, Resistensi, Dan Rasionalitas Terapi. *J. Antibiot.* **2011**, 1 (4), 191–198.
46. Jawetz, E.; Melnick, G. E.; Adelberg, C. A. *Mikrobiologi Kedokteran*, Edisi 1.; Fakultas Kedokteran Universitas Airlangga: Surabaya, **2001**.

47. Kusmiyati; Agustini, N. W. S. Uji Aktivitas Senyawa Antibakteri Dari Mikroalga Porphyridium Cruentum. *Biodiversitas* **2007**, 8 (1), 48–53.
48. Nurhayati, L. S.; Yahdiyani, N.; Hidayatulloh, A. Perbandingan Pengujian Aktivitas Antibakteri Starter Yogurt Dengan Metode Difusi Sumuran Dan Metode Difusi Cakram. *J. Teknol. Has. Peternak.* **2020**, 1 (2), 41–46.
49. Ernawati, T.; Budiana, A.; Ernawati, T. Bioaktivitas Turunan Metil Sinamat Terhadap Pertumbuhan Bakteri Escherichia Coli, Staphylococcus Aureus, Bacillus Subtilis, Pseudomonas Aureogenosa Dan Jamur Candida Albicans. *J. Kim. Val.* **2015**, 1 (1), 60–64.
50. Tenda, P. E.; Lenggu, M. Y.; Ngale, M. S. Uji Aktivitas Antibakteri Ekstrak Etanol Kulit Pohon Faloak (*Sterculia Sp.*) Terhadap Bakteri *Staphylococcus Aureus*. *J. Info Kesehat.* **2017**, 15 (1), 227–239.
51. Etikasari, R.; Murharyanti1, R.; Wiguna, A. S. Evaluasi Pigmen Karotenoid Karang Lunak *Sarcophyton Sp.* Sebagai Agen Antibakteri Potensial Masa Depan. *J. Farm.* **2017**, 2 (1), 28–36.
52. Fitriana, Y. A. N.; Fatimah, V. A. N.; Fitri, A. S. Aktivitas Anti Bakteri Daun Sirih: Uji Ekstrak KHM (Kadar Hambat Minimum) Dan KBM (Kadar Bakterisidal Minimum). *Sainteks* **2020**, 16 (2), 101–108.
53. Itam, A.; Wulandari, A.; Rahman, M. M.; Ferdinal, N. Preliminary Phytochemical Screening, Total Phenolic Content, Antioxidant and Cytotoxic Activities of *Alstonia Scholaris R. Br* Leaves and Stem Bark Extracts. *J. Pharm. Sci. Res.* **2018**, 10 (3), 518–522.
54. Parekh, J.; Karathia, N.; Chanda, S. Evaluation of Antibacterial Activity and Phytochemical Analysis of *Bauhinia Variegata L.* Bark. *African J. Biomed. Res.* **2006**, 9 (1), 53–56.
55. Patil, U. S.; Deshmukh, O. S. Preliminary Phytochemical Screening of Six Medicinal Plants Seed as Traditional Medicine. *Int. J. Pharma Bio Sci.* **2016**, 7 (1), P77–P81.
56. Ghafar, F.; Tengku Nazrin, T. N. N.; Mohd Salleh, M. R.; Nor Hadi, N.; Ahmad, N.; Azahari, A. Total Phenolic Content And Total Flavonoid Content In *Moringa Oleifera* Seed. *Sci. Herit. J.* **2017**, 1 (1), 23–35.
57. Ullah Shirazi, O.; Muzaffar Ali Khan Khattak, M.; Azwani Mohd Shukri, N.; Nur Nasyriq, M. Determination of Total Phenolic, Flavonoid Content and Free Radical Scavenging Activities of Common Herbs and Spices. *J. Pharmacogn. Phytochem. JPP* **2014**, 104 (33), 104–108.
58. Win, H. Y.; Shwe Wah Oo, N.; Maung Chin, K. Analysis on Phytochemicals, Minerals and Total Flavonoid Content of Spinach (*Spinacia Oleracea Linn.*). **2020**, 1 (1), 237–240.
59. Manurung, H.; Kustiawan, W.; Kusuma, I. W.; Marjenah. Total Flavonoid Content and Antioxidant Activity of Tabat Barito (*Ficus Deltoidea Jack*) On Different Plant Organs and Ages. *J. Med. Plants Stud.* **2017**, 1813 (6), 120–125.
60. Ghosh, A.; Das, B. K.; Roy, A.; Mandal, B.; Chandra, G. Antibacterial Activity of Some Medicinal Plant Extracts. *J. Nat. Med.* **2008**, 62 (2), 259–262.
61. Andrews, J. M. BSAC Standardized Disc Susceptibility Testing Method (Version

- 5). *J. Antimicrob. Chemother.* **2006**, 58 (3), 511–529.
62. Greenwood, D. Antibiotics, Susceptibility (Sensitivity) Test Antimicrobial and Chemotherapy. *USA Mc 1995*.
63. Mukhriani. Ekstraksi, Pemisahan Senyawa Dan Identifikasi Senyawa Aktif. *J. Kesehat.* **2014**, 3 (2), 361–367.
64. Dachriyanus, D. *Analisis Struktur Senyawa Organik Secara Spektoskopi*; 2017.
65. Zhu, H.; Wang, Y.; Liu, Y.; Xia, Y.; Tang, T. Analysis of Flavonoids in Portulaca Oleracea L. by UV-Vis Spectrophotometry with Comparative Study on Different Extraction Technologies. *Food Anal. Methods* **2010**, 3 (2), 90–97.
66. Blois, M. S. Antioxidant Determinations by the Use of a Stable Free Radical [10]. *Nature*. **1958**.
67. Ayucitra, A.; Indraswati, N.; Mulyandasari, V.; Kurniawan D, Y.; Francisco, G.; Yudha, A. Potensi Senyawa Fenolik Bahan Alam Sebagai Antioksidan Alami Minyak Goreng Nabati. *Widya Tek.* **2011**, 10 (1), 1–10.
68. Juniwati; Miskiyah. Aktivitas Ekstrak Bawang Putih (*Allium Sativum*) Terhadap Pertumbuhan Bakteri *Escherichia Coli* Dan *Staphylococcus Aureus*. In *Seminar Nasional Teknologi Peternakan dan Veteriner*, Bogor, **2014**; pp 733–740.
69. Septiani; Dewi, E. N.; Wijayanti, I. Aktivitas Antibakteri Ekstrak Lamun (*Cymodocea Rotundata*) Terhadap Bakteri *Staphylococcus Aureus* Dan *Escherichia Coli*. *Indones. J. Fish. Sci. Technol.* **2017**, 13 (1), 1–6.
70. Putri, M. H.; Sukini; Yodong. *Mikrobiologi*; Pusat Pendidikan Sumber Daya Manusia: Jakarta, **2017**.

