DAFTAR PUSTAKA

1. Agam, P. K. *Rencana Pembangunan Jangka Menengah Daerah Tahun 2016-2021*; Pemerintah Kabupaten Agam: Agam, 2016.

2. D, Rina. Pengaruh Kondisi Tanah bagi Tanaman. http://kaltim.litbang. pertanian.go.id/ind/index.php?option=com_content&view=article&id=735&Itemi d=59. diakses tanggal 14 Maret 2021.

3. Sonibare, O. O.; Effiong, I. Antibacterial Activity and Cytotoxicity of Essential Oil of *Lantana Camara* L . Leaves from Nigeria. *African Journal of Biotechnology*. **2008**, *7* (15), 2618–2620.

4. Mardisiswojo, S. *Cabe Puyang Warisan Nenek Moyang III*; PT. Karya Wreda: Jakarta, 1968.

5. Ganjewala, D. *Cymbopogon* Essensial Oils: Chemical Compositions and Bioactivities. *Internatiol Journal of Essential Oil Therapeutics.* **2009**, *3*, 56–65.

6. Pour, B. M.; Yoga Latha, L.; Sasidharan, S. Cytotoxicity and Oral Acute Toxicity Studies of *Lantana Camara* Leaf Extract. *Molecules* **2011**, *16*, 3663–3674.

7. Suryati; Santoni, A.; M. Z., K.; Aziz, H. Antioxidant Activity and Total Phenolic Contentof Ethyl Acetate Extract and Fractions of *Lantana Camara* L.Leaf. *Der Pharma Chemica* **2016**, *8* (8), 92–96.

8. Kazmi, I.; Rahman, M.; Afzal, M.; Gupta, G.; Saleem, S.; Afzal, O.; Shaharyar, M. A.; Nautiyal, U.; Ahmed, S.; Anwar, F. Anti-Diabetic Potential of Ursolic Acid Stearoyl Glucoside: A New Triterpenic Gycosidic Ester from *Lantana camara*. *Fitoterapia* **2012**, *83,* 142–146.

9. Ediruslan; Manjang, Y.; Suryati; Aziz, H. Structure Elucidation of Brine Shrimp Toxic Compound from *Lantana camara* L. Leaves. *Journal of Chemical and Pharmaceutical Reseacrh* **2015**, *7* (12), 250–255.

10. Kardinan, A. *Budidaya Dan Pasca Panen Tanaman Penghasil Minyak Atsiri*; Agromedia Pustaka: Jakarta, 2005.

11. Yuliani, S. Analisis Komponen Minyak Atsiri Dari Daun Tembelekan (L*antana camara* L.) Secara Kromatografi Gas- Spektrometri Massa (GCMS), Universitas Sumatera Utara, 2013.

12. Mann, R.S., dan Kaufman, P. E. Natural Product Pesticides: Their Development, Delivery and Use Against Insect Vectors. *Mini-Reviews in Organic Chemistry* **2012**, *9*, 185–202.

13. Asghari, G., Mostajeren, A., dan Shebli, M. Curcuminoid and Essential Oil Components of Turmeric at Different Stages of Growth Cultivated in Iran. *Research in Pharmaceutical Sciences* **2009**, *4* (1), 55–61.

14. Kulpapangkorn, W., Mai-leang, S. Effect of Plant Nutrition on Turmeric Production. *Procedia Engineering* **2012**, *32*, 166–171.

15. Ghizalberti, E. L. *Lantana Camara* L. (Verbenaceae). *Fitoterapia* **2000**, *71*, 467–486.

16. Rose, I. . Medicinal Plants of the World. In *Chemical constituents, traditional and modern medical uses*; Humana Press: Totowa, New Jersey, USA, 1999; p 487.

17. Djauhariya, E., H. *Gulma Berkhasiat Obat*; Seri Agrisehat: Jakarta, 2004.

18. Badrunasar, A.; Santoso, H. B. *Tumbuhan Liar Berkhasiat Obat*; Forda Press: Lombok, NTB, 2017.

19. Esti Munawarah, Yuzammi, Saniyatun Mar'atus Solihah, S. *Koleksi Kebun Raya Liwa, Lampung. Tumbuhan Berpotensi Sebagai Tanaman Hias*; LIPI Press: Jakarta, 2017.

20. Day, M. D.; Government, Q.; Playford, J.; Government, Q. *Lantana : Current Management Status and Future Prospects*; Australian Centre for International Agricultural Research: Canberra, 2003.

21. Ghisalberti, E. L. *Lantana Camara* L. Verbenaceae. *Fitoterapia* **2000**, *71*, 467–486.

22. Sagar, L.; Sehgal, R.; Ojha, S. Evaluation of Antimotility Effect of *Lantana Camara* L. Var. Acuelata Constituents on Neostigmine Induced Gastrointestinal Transit in Mice. *BMC Complementary Medicine and Therapies* **2005**, 1–6.

23. Sathish, R.; Vyawahare, B.; Natarajan, K. Antiulcerogenic Activity of *Lantana camara* Leaves on Gastric and Duodenal Ulcers in Experimental Rats. *Journal of Ethnopharmacology* **2011**, *134* (1), 195–197.

24. Ross; A., I. *Medicinal Plants of the World Chemical Constituents, Traditional and Modern Medicinal Uses, Volume 2*; Humana Press: New Jersey, 1999.

25. Begum, S.; Zehra, S. Q.; Siddiqui, B. S.; Fayyaz, S.; Ramzan, M. Pentacyclic Triterpenoids from the Aerial Parts of *Lantana camara* and Their Nematicidal Activity. *Chemistry & Biodiversity* **2008**, *5*.

26. Ghisalberti, E. L. *Lantana camara* Linn (Rev.). *Fitoterapia* **2000**, *71*, 467–485.

27. Passos, J. L.; Barbosa, L. C. A.; Demuner, A. J.; Alvarenga, E. S.; Silva, C. M. da; Barreto, R. W. Chemical Characterization of Volatile Compounds of L*antana camara* L. and *L. Radula* Sw. and Their Antifungal Activity. *Molecules* **2012**, *17*, 11447–11455.

28. Kumar, R.; Rahul, K.; Kumar, S.; Kumar, T.; Singh, V. *Lantana camara*: An Alien Weed, Its Impact on Animal Health and Strategies to Control. *Journal of Experimental Biology and Agriculture Science* **2016**, *4 (3S)*, 321–337.

29. Saksena, N.; Ripathi, H. Plant Volatiles in Relation to Fungistasis. *Fitoterapia* **1985**, *56*, 243–244.

30. Begum, S.; Raza, S. M.; Siddiqui, B. S.; Siddiqui, S. Triterpenoids from the Aerial Parts of *Lantana camara*. *Journal of Natural Products* **1995**, *58*, 1570–1574.

31. Sharma, S.; Singh, A.; Sharma, O. P. An Improved Procedure for Isolation and Purification of Lantadene A, the Bioactive Pentacyclci Triterpenoid from *Lantana camara* Leaves. *Journal of Medicinal and Aromatic Plants Sciences* **1999**, 686–688.

32. Deena, M. J.; Thoppil, J. E. U. Antimicrobial Activity of the Essential Oil of *Lantana camara*. *Fitoterapia* **2000**, 453–455.

33. Suryati; M.Z, K; Efdi, M. A Triterpenoid from The Leaves of Tahi Ayam (*Lantana camara* Linn). *Indonesian Journal of Fundamental and Applied Chemistry* **2018**, *3 (1)*, 18–22.

34. Abdjul, D. B.; Yamazaki, H.; Maarisit, W.; Rotinsulu, H.; Wewengkang, D. S.; Sumilat, D. A.; Kapojos, M. M.; Losung, F.; Ukai, K.; Namikoshi, M. Oleanane Triterpenes with Protein Tyrosine Phosphatase 1B Inhibitory Activity from Aerial Parts of *Lantana camara* Collected in Indonesia and Japan. *Phytochemistry* **2017**, *144*, 106–112.

35. Jamal, M.; Amir, M.; Ali, Z.; Mujeeb, M. Future Journal of Pharmaceutical Sciences A Comparative Study for the Extraction Methods and Solvent Selection for Isolation , Quantitative Estimation and Validation of Ursolic Acid in the Leaves of *Lantana camara* by HPTLC Method. *Future Journal of Pharmaceutical Sciences* **2018**, 2–6.

36. Vyas, N.; Argal, A. Isolation and Characterization of Oleanolic Acid From Roots of *Lantana camara*. *Asian Journal of Pharmaceutical and Clinical Research.* **2014**, *7*, 7–9.

37. Caesar, P.; Kumar, J.; Caesar, P. Studies on Phytochemical Screening of Leaf Fraction of *Lantana camara* Linn. *Journal of Pharmacy Research* **2016**, *10* (5), 304–307.

38. Swamy, M. K.; Sinniah, U. R.; Akhtar, M. S. In Vitro Pharmacological Activities and GC-MS Analysis of Different Solvent Extracts of *Lantana camara* Leaves Collected from Tropical Region of Malaysia. *Evidence-Based Complementary and Alternative Medicine.* **2015**, *5*.

39. Juang, F.; Chen, Y.; Lin, F.; Huang, K. Constituents From The Leaves Of *Lantana camara* (IV). *Journal of Chinese Medicine* **2005**, *16*, 149–155.

40. Yadav, S. B.; Tripathi, V. A New Triterpenoid from *Lantana camara*. *Fitoterapia* **2003**, *74* (03), 320–321.

41. Mariajancyrani, J.; Chandramohan, G.; Brindha, P.; Saravanan, P. GC-MS Analysis of Terpenes from Hexane Extract of *Lantana camara* Leaves. *International Journal of Advance in Pharmacy, Biology and Chemistry* **2014**, *3* (1), 37–41.

42. Mariajancyrani; Chandramohan; Ravikumar. Terpenes and Antimicrobial Activity from *Lantana camara* Leaves. *Research Journal of Recent Sciences* **2014**, *3* (9), 52–55.

43. Khan, M.; Srivastava, S. K.; Syamasundar, Ł. K. V; Singh, M.; Naqvi, A. A. Chemical Composition of Leaf and Flower Essential Oil of *Lantana camara* from India. *Flavour and Fragrance Journal* **2002**, 75–77.

44. Machado, R. R. P.; Júnior, W. V.; Coimbra, E. S.; Souza, N. B. De; Soares, G. L. G.; C, M. A. Essential Oil from Leaves of *Lantana camara* : A Potential Source of Medicine against *Leishmaniasis*. *Brazilian Journal of Pharmacognosy* **2010**, 1011–1017.

45. Zoubiri, S. GC and GC/MS Analysis of the Algerian *Lantana camara* Leaf Essential Oil : Effect against *Sitophilus granarius* Adults. *Journal of Saudi Chemical Society* **2012**, *16* (3), 291–297.

46. Zénabou, S.; Jean, K.; Gilles, F.; Cheikna, Z.; Marius, S. K.; Hagrétou, S. L.; Alfred, T. S. Chemical Composition, Antioxidant and Antimicrobial Activities of *Lantana camara* Linn Leaves Essential Oil from Burkina Faso. *GSC Biological and Pharmaceutical Sciences* **2018**, *05* (03), 124–135.

47. Adjou, E. S.; Dahouenon-Ahoussi, E.; Dègnon, R. G.; Soumanou, M.; Sohounhloue, D. Bioefficacy of Essential Oil of *Lantana camara* from Benin against the Growth of Fungi and Aflatoxin Production. *Journal of Recent Advance in Agriculture* **2012**, *1* (4), 112–121.

48. Baroty, G. S. El; Goda, H. M.; Khalifa, E. A.; Abd, H. H.; Baky, E.; Baroty, S. El. Antimicrobial and Antioxidant Activities of Leaves and Flowers Essential Oils of Egyptian *Lantana camara* L. *Der Pharma Chemica* **2014**, *6* (6), 246–255.

49. Murugesan, S.; Senthilkumar, N.; Babu, D. S.; Rajasugunasekar, D. Chemical Constituents and Toxicity Assessment of the Leaf Oil of *Lantana camara* Linn from Tamilnadu Regions. *Asian Journal of Plant Science and Research* **2016**, *6* (3), 32–42.

50. Agam, P. K. *Rencana Program Investasi Jangka Menengah (RPIJM) Bidang Cipta Karya Kabupaten Agam Tahun 2016-2020*; Agam, 2016.

51. M.W., M. dan M. *Aroma Terapi; Tinjauan Aspek Kimia Medisinal.*; Graha Ilmu: Yogyakarta, 2015.

52. Guenther, T. *Minyak Atsiri. Terjemahan Oleh Ketaren.* UI: Jakarta, 1987.

53. Rumondang, B. *Esterifikasi Patchouli Alkohol Hasil Isolasi Dari Minyak Daun Nilam (Patchouli Oil),*; Universitas Sumatera Utara: Medan, 2004.

54. Kusumaningrum, W.; Dkk. *Pembuatan Minyak Atsiri*; UIN: Jakarta, 2014.

55. Julianto, T. *Minyak Atsiri Bunga Indonesia*; Deepublish: Jakarta, 2016.

56. Harris, R. *Perhitungan Rendemen*; Penebar Swadaya: Jakarta, 1987.

57. Soebagio. *Kimia Analitik II*; UM Press: Malang, 2005.

58. Diky Setya Diningrat; Restuati, M.; Kusdianti, K.; Sari, A. N.; Marwani, E. Analisis Ekstrak Etanol Tangkai Daun Buasbuas (*Premna pubescens*) Menggunakan Gas Chromatography Mass Spectrophotometer (GC-MS). *Journal of Islamic Science and Technology* **2018**, *4*, *No.1*.

59. UGM, L. *Perlatan Laboratorium ; Laboratorium Peneleitian Dan Pengujian Terpadu*; Universitas Gadjah Mada: Yogyakarta, 2018.

60. Eaton, D. *Laboratory Investigations in Organic Chemistry*; McGraw Hill, Inc.: USA, 1989.

61. Agusta, A. *Minyak Atsiri Tumbuhan Tropika Indonesia*; ITB: Bandung, 2000.

62. Dachriyanus, P. D. *Analisis Struktur Senyawa Organik Secara Spektrometri*; LPTIK Unand: Padang, 2004.

63. Gritter, R. J.; Bobbitt, J. M.; Schwarting, A. E. *Pengantar Kromatografi*; ITB: Bandung, 1991.

64. Made, D. A. N.; Parwata, I. M. O. A.; Parthasutema, I. . M. Analisis Kadar Metamfetamina Pada Sampel Darah dengan Metode GC-MS. *Chemical Laboratory.* **2015**, 18–29.

65. Hermanto. *Aplikasi Alat HPTLC Dan GC- MS*; UI Press: Jakarta, 2008.

66. Sulistyo. *Farmakologi Dan Terapi*; EKG: Yogyakarta, 1971.

67. Pelczar, M. J., Chan, E. C. S. *Dasar-Dasar Mikrobiologi*; Universitas Indonesia Press: Jakarta, 1988.

68. Kusmayati, Agustini, N. W. R. Uji Aktivitas Senyawa Antibakteri Dari Mikroalga (*Porphyridium cruentum*). *Biodiversitas* **2007**, *8*, 48–53.

69. Bonang, G. *Mikrobiologi Untuk Profesi Kesehatan Edisi 16*; Buku Kedokteran EGC: Jakarta, 1992.

70. Listari, Y. Efektifitas Penggunaan Metode Pengujian Antibiotik Isolat *Streptomyces* dari *Rizosferfamilia poaceae* Terhadap *Escherichia coli*. *Journal Online* **2009**, 1–6.

71. Pratiwi, S. T. *Mikrobiologi Farmasi*; Erlangga: Jakarta, 2009.

72. Effendi, F.; Roswiem, A. P.; Stefani, E. Uji Aktivitas Antibakteri Teh Kombucha Probiotik Terhadap Bakteri *Escherichia coli* Dan *Staphylococcus aureus. Fitofarmaka Jurnal Ilmiah Farmasi* **2014**, *4*.

73. Meyer, B. N.; Ferrigni, N. R.; Putnam, J. E.; Jacobsen, L. B.; Nichols, D. E.; McLaughlin, L. Brine Shrimp: A Convenient General Bioassay for Active Plant Constituents. *Journal of Medicinal Plants Research* **1982**, *45*, 31–32.

74. Penelitian, P.; Jl, P. H.; No, G. B. Analisis Toksisitas Beberapa Tumbuhan Hutan dengan Metode *Brine Shrimp Lethality Test* (BSLT) (*Toxicity Analysis of Forestry Plants Using Brine Shrimp Lethality Tes*t (BSLT) *Method*). *Jurnal Penelitian Hasil Hutan* **2018**, *36* (3), 239–246.

75. Priyanto. *Toksikologi Mekanisme Terapi Antidotum Dan Penilaian Resiko*; Lembaga Studi dan Konsultasi Farmakologi: Jakarta, 2009.

76. Harmita; M Radji. *Analisis Hayati*; Penerbit Buku Kedokteran: Jakarta, 2008.

77. Chusniasih, D.; Farmasi, P. S.; Kedokteran, F.; Malahayati, U. Uji Toksisitas dengan Metode *Brine Shrimp Lethality Test* (BSLT) dan Identifikasi Komponen Fitokimia Ekstrak Kulit Buah Kakao (*Theobroma cacao* L.). *Analit : Analytical and Environmental Chemistry* **2020**, *2* (2), 192–201.

78. Essien, E. E.; Newby, J. M.; Walker, T. M.; A, I. O. W. N. S.; Ekundayo, O. Essential Oil Constituents, Anticancer and Antimirobial Activity of *Ficus mucoso* and *Casuarina equisetifolia* Leaves. *American Journal of essential Oils and Natural Products* **2016**, *4* (1), 1–6.

79. alpha-Selinene (FDB014567). https://foodb.ca/compounds/FDB014567.

80. Dhifi, W.; Bellili, S.; Jazi, S.; Bahloul, N.; Mnif, W. Essential Oils' Chemical

Characterization and Investigation of Some Biological Activities. *Medicine (Baltimore)* **2016**, 1–16.

81. Dirgantara, S.; Tanjung, R. H. R.; Maury, H. K.; Meiyanto, E. Cytotoxic Activity and Phytochemical Analysis of Breynia Cernua from Papua Aktivitas Sitotoksik Dan Analisis Fitokimia Dari Tumbuhan *Breynia cernua* Asal Papua. *Indonesian Journal of Pharmaceutical Science and Technology* **2018**, *1* (1).

82. Raineri, M. Histochemical Localization of Chitin in Larvae of *Artemia salina* Leach (Phyllopoda). *Italian Journal of Zoology* **1981**, *48 (2)*, 139–141.

83. Bakkali, F.; Idaomar, M. Biological Effects of Essential Oils – A Review. *Food and Chemical Toxicology* **2008**, *46*, 446–475.

84. Hamidi, M. R.; Jovanova, B.; Panovska, T. K. Toxicological Evaluation of the Plant Products Using Brine Shrimp (*Artemia salina* L.). *Macedonian Pharmaceutical Bulletin* **2014**, *60*, 9–18.

85. Bobbarala, V. *A Search for Antibacterial Agents*; InTech: Rijeka, Croatia, 2012.

86. Dali, S.; Natsir, H.; Usman, H.; Ahmad, A. Bioaktivitas Antibakteri Fraksi Protein Alga Merah Gelidium Amansii Dari Perairan Cikoang Kabupaten Takalar, Sulawesi Selatan. *Majalah Farmasi dan Farmakologi* **2011**, *15*, No. 1, 47 – 52.

87. Davis, W. W.; Stout, T. R. Disc Plate Methods of Microbiological Antibiotic Assay. *Journal of Microbiology* **1971**, *18*, 563–569.

88. Koroch, A. R.; Juliani, H. R.; Zygadlo, J. A. Bioactivity of Essential Oils and Their Components. *Flavours and Fragrances* **2007**, 87–115.

89. Anggraini, R.; Jayuska, A.; Alimuddin, A. H. Isolasi Dan Karakterisasi Minyak Atsiri Lada Hitam (*Piper nigrum* L.) Asal Sajingan Kalimantan Barat. *Jurnal Kimia Khatulistiwa* **2018**, *7 (4)*, 124–133.

90. Nababan, E. Analisa Komponen Kimia Minyak Atsiri Dan Uji Pestisida Nabati Hasil Isolasi Daun Sirih Hutan (*Piper aduncum* L.) Pada Larva Lalat Buah (Bactrocela Carambolae) Jambu Biji, Universitas Sumatera Utara, 2015.