

DAFTAR PUSTAKA

1. Kusmana C. Keanekaragaman Hayati Flora di Indonesia. J Pengelolaan Sumber Daya Alam dan Lingkungan. 2015;5 (2):187–98.
2. Liu M, Van W, Tilney P. A Taxonomic Evaluation of Fruit Structure in the Family Apiaceae. University of Johannesburg, Auckland Park, South Africa.; 2003.
3. Winarto M surbakti. Khasiat dan Manfaat Pegagan : Tanaman Penambah Daya Ingat. Jakarta: Agromedia; 2003.
4. Dalimartha S. Atlas Tumbuhan Indonesia. cetakan VI. Jakarta: Trubus Agriwidaya; 2006. 214 hlm.
5. Hashim P, Sidek H, Helan MHM, Sabery A, Palanisamy UD, Ilham M. Triterpene Composition and Bioactivities of *Centella asiatica*. Mol J. 2011;16:1310–22.
6. Bharadvaja N. *Centella asiatica*: A Pharmaceutically Important Medicinal Plant. Curr Trends Biomed Eng Biosci. 2017;5:1–5.
7. Alfarrar HY, Omar MN. *Centella asiatica*: From Folk Remedy to The Medicinal Biotechnology – A State Revision. Int J Biosci. 2013;3:49–67.
8. Sushen DU, Chaouhan A, Ali K, Ranjesh V. Medicinal Properties of *Centella asiatica* (L.): A Review. Asian J Pharm Clin Res. 2017;4(9):261–8.
9. Sutardi S. Kandungan Bahan Aktif Tanaman Pegagan dan Khasiatnya Untuk Meningkatkan Sistem Imun Tubuh. J Litbang Pertan. 2016;35(3):121.
10. Yongyu Z, Shujun S, Jianye D. Quality Control Method For Herbal Medicine - Chemical Fingerprint Analysis. 2011;171–94.
11. Tiwari RK, Chanda S, Deepak M, Murli B, Agarwal A. HPLC Method Validation For Simultaneous Estimation of Madekasosida, Asiatikosida and Asiatic Acid in *Centella asiatica*. J Chem Pharm Res. 2010;2(3):223–9.
12. Shahab Uddin M, Khorshed Alam M, Obydul Hoq M, Nahar Nuri Z. The Therapeutic Use of *Centella asiatica*. Int J Chem Stud. 2017;1(2):21–6.
13. *Centella asiatica* (Asiatic pennywort) [Internet]. Centre for Agriculture and Bioscience International. 2019. Available from: <https://www.cabi.org/isc/datasheet/12048>
14. Brinkhaus B, Lindner M, Schuppan H. Chemical, Pharmacological and Clinical Profile of The East Asian Medical Plant *Centella asiatica*. Phytomedicineb. 2000;7:427–48.
15. Setiawan Dalimartha. Atlas Tumbuhan Obat Indonesia. Jakarta: Trubus Agriwidaya; 2003.

16. Hodayat S, Napitupulu RM. Kitab Tumbuhan Obat. Jakarta: KDT; 2015.
17. Sondari D, Harmami SB, Ghozali M, Randy A, Amanda SA, Irawan Y. Determination of The Active Asiatikosida Content in *Centella asiatica* as Anti-Cellulite Agent. *Indones J Cancer Chemoprevention*. 2011;2(2):222–7.
18. Rafamantanana MH, Rozet E, Raelison GE, Cheuk K, Ratsimamanga SU, Hubert P. An Improved HPLC-UV Method For The Simultaneous Quantification of Triterpenic Glycosides and Aglycones in Leaves of *Centella asiatica* (L.) Urb (Apiaceae). *J Chromatogr B Anal Technol Biomed Life Sci*. 2009;877(23):2396–402.
19. Bandara MS, Lee EL, Thomas JE. Gotu Kola (*Centella asiatica* L.); An Under-utilized Herb. *Am J Plant Sci Biotechnol*. 2011;(2):20–31.
20. Vinolina NS, Singh N, Napitupulu JA, Siregar AM, Nainggolan M. Analysis of Centelloside of Pegagan (*Centella asiatica*). 2013;324–8.
21. Gupta A, Verma S, Kushwaha P, Srivastava S. Quantitative Estimation of Asiatic Acid, Asiatikosida and Madekasosida in Two Accessions of *Centella asiatica* (L) Urban For Morpho-Chemotypic Variation. *J Pharm Educ Res*. 2014;48(3):75–8.
22. Sharma PD, Surana SJ, Jadav RB, Patel PH. Bioanalytical HPLC Method Development and Validation For Quantification of Asiatic Acid From *Centella asiatica* linn. *Int J Pharm Sci Rev Res*. 2011;10(2):46–50.
23. Singh S, Gautam A, Sharma A, Batra A. *Centella asiatica* (L.): A Plant with Immense Medicinal Potential but Threatened. *Int J Pharm Sci Rev Res*. 2010;4(2):9–17.
24. Hariana H. Tumbuhan Obat dan Khasiatnya. Jakarta: Penebar Swadya; 2013.
25. Sabaragamuwa R, Perera CO, Fedrizzi B. *Centella asiatica* (Gotu Kola) as a Neuroprotectant and its Potential Role in Healthy Ageing. *Trends Food Sci Technol*. 2018;79:88–97.
26. Bylka W, Znajdek-Awizeń P, Studzińska-Sroka E, Dańczak-Pazdrowska A, Brzezińska M. *Centella asiatica* in Dermatology: An Overview. *Phyther Res*. 2014;28(8):1117–24.
27. Zahara K. Clinical and Therapeutic Benefits of *Centella asiatica*. *Pure Appl Biol*. 2014;3(4):152–9.
28. Chandrika UG, Prasad Kumara P. Gotu Kola (*Centella asiatica*): Nutritional Properties and Plausible Health Benefits. 1st ed. Vol. 76, *Advances in Food and Nutrition Research*. 2015. 125-157 p.
29. Hashim P, Sidek H, Helan MHM, Sabery A, Palanisamy UD, Ilham M. Triterpene Composition and Bioactivities of *Centella asiatica*. *Mol J*. 2011;16(2):1310–22.

30. Zainol M, Abdul-Hamid, Bakar A, Pak Dek S. Effect of Different Drying Methods on The Degradation of Selected Flavonoids in *Centella asiatica*. Int Food Res J. 2009;16:531–7.
31. Kumar V, Babu V, Nagarajan K, Machawal L, Bajaj U. Protective Effects of *Centella asiatica* Against Isoproterenol-Induced Myocardial Infarction in Rats: Biochemical, Mitochondrial and Histological Findings. J Phytopharm. 2015;4(2):80–6.
32. Muhlisah IF. Tanaman Obat Keluarga (TOGA). Niaga Swadaya; 2007.
33. Lina Mardiana. Daun Ajaib Tumpas Penyakit. Bogor: Penebar Swadaya; 2012.
34. Devkota A, Acqua SD, Jha PK, Innocenti G. Variation in The Active Constituent Contents in *Centella asiatica* Grown in Different Habitats in Nepal. J Plant Sci. 2010;7:43–7.
35. Prakash V, Jaiswal N, Srivastava M. a Review on Medicinal Properties of *Centella asiatica*. Asian J Pharm Clin Res. 2017;10(10):69.
36. Wu T, Geng J, Gua W, Gao J, Zhu X. Asiatic Acid Inhibits Lung Cancer Cell Growth in Vitro and in Vivo by Destroying Mitochondria. 2017;7(1):65–72.
37. Sihombing W, Akmal M, Wahyuni S, Nasution I, Rinidar, Hamdan. Efek Ekstrak Daun Pegagan (*Centella asiatica* (L.) Urban) Terhadap Perkembangan Sel Spermatid Tikus (*Rattus norvegicus*). J Med Vet. 2015;9:71–6.
38. Shohel Hossain M. Determination of Antiemetic, Antimicrobial, Anti-Radical and Cytotoxic Activity of Methanolic Extracts of *Centella asiatica*. Plant. 2018;6(1):1.
39. Sari CFA, Yulianto L. Perancangan Sistem Informasi Absensi Menggunakan Finger Print di Badan Perencanaan Pembangunan Daerah dan Penanaman Modal Kabupaten Pacitan. 2013;2(1):1–7.
40. Mattoli L, Cangi F, Ghiara C, Burico M, Maidecchi A, Bianchi E. A Metabolite Finger Printing For The Characterization of Commercial Botanical Dietary Supplements. Metabolomics. 2011;7(3):437–45.
41. Rafi M, Handayani F, Darusman LK, Rohaeti E, Wahyu Y, Sulistiyani. A Combination of Simultaneous Quantification of Four Triterpenes and Fingerprint Analysis Using HPLC for Rapid Identification of *Centella asiatica* From Its Related Plants and Classification Based on Cultivation Ages. Ind Crops Prod. 2018;122(May):93–7.
42. Gandjar AR. Kimia Farmasi Analisis. Yogyakarta: Pustaka Belajar; 2012. 378-417 p.
43. Fatma L. Bahaya Kimia Sampling dan Pengukuran Kontaminan Kimia di Udara. Jakarta: EGC; 2010.

44. Sudjadi Abdul Rohman. Analisis Derivat Babi. Yogyakarta: UGM Press; 2018.
45. Jain PK, Agrawal RK. High Performance Liquid Chromatographic Analysis Asiatikosida in *Centella asiatica* (L.) Urban. Chiang Mai J Sci. 2008;35(3):521–5.
46. Paula López, Alejandra Catalano, Ingrid Cufre, Verónica Tarcaya, Laura Cogui AB. Identification of *Centella asiatica* Extract in a Cosmetic Cream. Int J Phytocosmetics Nat Ingredients. 2015;2(16).
47. Inorih P dan E. Pengelolaan dan Budidaya Tanaman Obat -Obatan (Bahan Siplisia). Bengkulu: Badan Penerbitan Fakultas Pertanian UNIB; 2013.
48. Azizah EW dan N. Perspektif Tanaman Obat Berkhasiat. Malang: UB Press; 2018.
49. Maryani S dan H. Khasiat dan Manfaat Daun Dewa dan Sambung Nyawa. Jakarta: Agromedia pustaka; 2003.
50. Fuadi A. Ultrasonik Sebagai Alat Bantu Ekstraksi Oleoresin Jahe. J Teknol. 2012;12(1):14–21.
51. Keil F. Modeling of Process Intensification (Ultrasonic Vs. Microwave Extraction Intensification of Active Principles From Medicinal Plants). 2009;AIDIC Conference Series. 9: 1-8 hlm.
52. Weichern J. Applied Multivariat Statistical Analysis. Ed ke-6. United States of America: Pearson Prentice Hall; 2014.

