

DAFTAR PUSTAKA

1. Herryawan; Sabirin, I. P. R.: The Effectiveness of Red Betel Leaf (*Piper crocatum*) Extract Against Periodontal Pathogens. *Bali Medical Journal* 2018, 7, 732-735.
2. Anugrahwatia, M.; Purwaningsihb, T.; Rustinac; Manggalarinic, J. A.; Alnavisc, N. B.; Wulandari, D. N.; Pranowoc, H. D.: Extraction of Ethanolic Extract of Red Betel Leaves and Its Cytotoxicity Test on HeLa Cells. *Procedia Engineering* 2016, 1402 – 1407.
3. Zulharini, M.; Sutejo, I. R.; Fadliyah, H.; Jenie, R. I.: Methanolic Extract of Red Betel Leaves (*Piper crocatum* Ruiz & Pav) Perform Cytotoxic Effect and Antimigration Activity toward Metastatic Breast Cancer. *Indonesian Journal of Cancer Chemoprevention* 2017, 90-96.
4. Fatmawaty; Anggreni, N. G. M.; Fadhil, N.; Prasasty, V. D.: Potential In Vitro and In Vivo Antioxidant Activities from *Piper crocatum* and *Persea americana* Leaf Extracts. *Biomedical & Pharmacology Journal* 2019, 12, 661- 667.
5. Irawan, C.: Studi Komponen Bioaktif Daun Sirih Merah (*Piper cf. arcuatum* Blume). Tesis, Universitas Indonesia, 2010. 1-64.
6. Andhi, S.: Antidiabetic and Antioxidant Activities of 70% Ethanol-Diluted Extract of *Piper Crocatum* Leaves in Streptozotocin Induced Diabetic Rats. *Jurnal Kedokteran Brawijaya* 2016, 29, 1-4.
7. Atikaningrum, D. A.: Perbandingan Efektivitas Analgesik Ekstrak Daun Sirih merah (*Piper crocatum*) dengan Aspirin Dosis Terapi pada Mencit. Skripsi, Universitas Sebelas Maret, 2011. 1-47.
8. Hariana, a.: *262 Tumbuhan Obat dan Khasiatnya*; Penebar Swadaya: Jakarta, 2013. 351-352.
9. Chichioco-Hernandez, C. L.; Paguigan N. D.: Phytochemical Profile of Selected Philippine Plants used to Treat Asthma. *PHCOG J* 2010, 2, 197-202.
10. Li, H. X.; Widowatib, W.; Azisc, R.; Yanga, S. Y.; Kima, Y. H.; Lid, W.: Chemical Constituents of the *Piper crocatum* Leaves and Their Chemotaxonomic Significance. *Biochemical Systematics and Ecology* 2019, 1-4.
11. Ulung, G.; Pusat Studi Biofarmaka LPPM IPB.: *Sehat Alami dengan Herbal: 250 Tanaman Berkhasiat Obat*, Gramedia Pustaka Utama: Jakarta, 2014. 369-374.
12. Oktavia, P. Validasi Metode Analisis a-Mangostin secara Kromatografi Cair Kinerja Tinggi. Skripsi, UNAND, 2013. 1-64
13. Gini, T. G.; Jothi, G. J.: Column Chromatography and HPLC Analysis of Phenolic Compounds in the Fractions of *Salvinia molesta* mitchell. *Egyptian Journal of Basic and Applied Sciences* 2018, 1-7.
14. Jiao, Y.; Kilmartin, P. A.; Fan, M.; Quek, S. Y.: Assessment of Phenolic Contributors to Antioxidant Activity of New Kiwifruit Cultivars Using Cyclic Voltammetry Combined with HPLC. *Food Chemistry* 2018, 1-32.
15. Mesquita, E.; Monteiro, M.: Simultaneous HPLC Determination of Flavonoids and Phenolic Acids Profile in Pêra-Rio Orange Juice. *Food Research International* 2017, 1-28.
16. Skendi, A.; Irakli, M.; Chatzopoulou, P.: Analysis of Phenolic Compounds in Greek Plants of Lamiaceae Family by HPLC. *Journal of Applied Research on Medicinal and Aromatic Plants* 2017, 1-8.
17. Tanjung, Z. J. Penentuan Kandungan Asam Galat dan Kuersetin dalam Buah-Buahan dengan Metode Kromatografi Cair Kinerja Tinggi (KCKT). Skripsi, UNAND, 2016. 1-47

18. Mradu, G.; Saumyakanti, S.; Sohini, M.; Arup, M.: HPLC Profiles of Standard Phenolic Compounds Present in Medicinal Plants. *International Journal of Pharmacognosy and Phytochemical Research* 2012, 162-167.
19. Amperawati, S.; Hastuti, P.; Pranoto, Y.; Santoso, U.: Efektifitas Frekuensi Ekstraksi Serta Pengaruh Suhu dan Cahaya Terhadap Antosianin dan Daya Antioksidan Ekstrak Kelopak Rosela (*Hibiscus sabdariffa* L.). *Jurnal Aplikasi Teknologi Pangan* 2019, 38-45.
20. Jiang, X.; Cao, Y.; Jorgensen, L. V. G.; Stobel, B. W.; Hansen, H. C. B.; Cedergreen, N.: Where Does The Toxicity Come from in Saponin Extract. *Chemosphere* 2018, 1-30.
21. Zhao, Ya-Zheng; Zhang, Yuan-Yuan; Han, H.; Fan, Rui-Ping; Hu, Y.; Zhong, L.; Kou, Jun-Ping; Yu, Bo-Yang.: Advances in The Antitumor Activities and Mechanisms of Action of Steroidal Saponins. *Chinese Journal of Natural Medicines* 2018, 16, 732-748.
22. Harmita. Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya. *Majalah Ilmu Kefarmasian* 2004. 117-135
23. Crozier, A.; Clifford, M. N.; Ashihara, H.: *262 Plant Secondary Metabolites Occurrence, Structure and Role in The Human Diet*; Blackwell: Oxford, 2006. 1-35
24. Susanti, M.; Dachriyanus: *Kromatografi Cair Kinerja Tinggi*; LPTIK UNAND, 2015. 1-92.
25. Furman, B. L.: *Salicylic Acid*. Elsevier: Scotland, 2018; 1-5.
26. Lozano-Sánchez, J. s.; s-Linares, I. B.; Sass-Kiss, A.; Segura-Carretero, A.: *Chromatographic Technique: High-Performance Liquid Chromatography (HPLC)*. Elsevier, 2018; 459-526.
27. Anggraini, D. Penentuan Asam Sitrat, Oksalat dan Format secara Simultan pada Tanah dan Kompos dengan Metode Kromatografi Cair Kinerja Tinggi (KCKT). *Skripsi*, UNAND, 2015. 1-52
28. Rosas, E. C.; Correa, L. B.; Henriques, M. d. G.: *Antiinflammatory Properties of Schinus terebinthifolius and Its Use in Arthritic Conditions*. Elsevier: Brazil, 2019; 489-505.
29. Vermerris, W.; Nicholson, R.: *Phenolic Compound Biochemistry*; Springer: USA, 2008.1-24.
30. Rahmanisda, S.: Penentuan Antioksidan, pH, N, P, K dan C dari Hasil Fermentasi Ekstrak Daun Sirih Merah (*Piper crocatum*). *Skripsi*, Universitas Andalas, 2018. 1-29.
31. Goleniowski, M.; Cusido, R. M.; Bonfill, M.; Palazon, J.: *Phenolic Acids*. Springer, 2013; 1952-1973.
32. Seal, T.: Quantitative HPLC Analysis of Phenolic Acids, Flavonoids and Ascorbic Acid in Four Different Solvent Extracts of Two Wild Edible Leaves, *Sonchus Arvensis* and *Oenanthe Linearis* of North-Eastern Region in India. *Journal of Applied Pharmaceutical Science* 2016, 6, 157-166.
33. Luardini, M.A.; Asi, N.; Garner, M.: Ecolinguistics of Ethno-Medicinal Plants of The Dayak Ngaju Community. *Language Sciences* 2019, 77-84.
34. Li, H. X.; Young, Y.; Kim, Y. H.; Li, W.: Isolation of Two New Compounds and Other Constituents from Leaves of *Piper crocatum* and Study of Their Soluble Epoxide Hydrolase Activities. *Molecules* 2019, 1-8.
35. Kusuma, S. A. F.; Tjitraesmi, A.; Susanti, G.: Antibacterial Effect of Red Piper Betle Leaf Ethanolic Extracts to *Lactobacillus Acidophilus* and *Lactobacillus Bifidus* Growth Inhibition. *Asian Journal of Pharmaceutical and Clinical research* 2017, 65-68.

36. Maslikah, S. I.; Lestari, S. R.; Wulandari, N.: Active Compounds of Red betel (*Piper crocatum*) Extract for Safe Antioxidant as Cytotoxicity Test Revealed. *International Journal of ChemTech Research* 2016, 9, 513-520.
37. Kayan, B.; Yang, Y.; Lindquist, E. J.; Gizir, A. M.: Solubility of Benzoic and Salicylic Acids I Subcritical Water at Temperatures Ranging from (298 to 473)K. *J. Chem. Eng.Data* 2010. 2229-2232.

