

DAFTAR PUSTAKA

- Adhiksana, A. (2017). Perbandingan Metode Konvensional Ekstraksi Pektin dari Kulit Buah Pisang Dengan Metode Ultrasonik. *Journal of Research and Technology*, 3(2), 80–87. <https://doi.org/10.55732/jrt.v3i2.276>
- Anirut, K., Praiboon, J., Tiengrim, S., Chirapart, A., Thamlikitkul, V., (2021). Phytochemical Composition and Antibacterial Activity of Brown Seaweed, *Padina australis* Against Human Pathogenic Bacteria. *Journal of Fisheries and Environment*. 45(1): 8-22.
- Anonim. 2021. *Wiley Science Solution GC-MS Spectral Database*. (<https://sciencesolutions.wiley.com/about-us/>, diakses pada tanggal 26 September 2024)
- Anonim, 2022. Mass Spectrometry Data Center. (<https://chemdata.nist.gov/>, diakses pada tanggal 26 September 2024).
- Asikainen, M., Munter, T., Linnekoski, J. (2015). COnversion of Polar and Non—polar Algae Oil Lipids to Fatty Acid Methyl Ester With Solid Acid Catalysts – A Model Compound Study. *Bioresource Technology*. 191:300-305.
- Biosynth®. (2025). Company Overview. <https://www.biosynth.com/p/FS165756/83-47-6-3b24s-stigmast-5-en-3-ol>
- Fadel, A, H., Abubakar, Y., Salim, F, D., dkk. (2022). Pertumbuhan Rumput Laut *Padina australis* di Pesisir Pulau Toduku Desa Dehe Kecamatan Jailolo Selatan Kabupaten Halmahera Barat. *Jurnal Agribisnis Perikanan*. 15(2):783-790.
- Casais, P, F., Yusty, M, A, L., Quiros, A, R, B, D., & Hernandez, J, L. Rapid Identification of Volatile Compounds in Fresh Seaweed. *Talanta*. 115:14. 798-800.
- Doughari, J, H. (2012). Phytochemicals: Extraction Methods, Basid Structures and Mode of Action as Potential Chemotherapeutic Agents. Departemen of Microbiology School of Pure and Applied Sciences, Federal University of Technology Yola, Nigeria.
- Diva Candraningrat, I. D. A. A., Santika, A. A. G. J., Dharmayanti, I. A. M. S., & Prayascita, P. W. (2021). Review Kemampuan Metode GC-MS dalam Identifikasi Flunitrazepam Terkait dengan Aspek Forensik dan Klinik. *Jurnal Kimia*, 12. <https://doi.org/10.24843/JCHEM.2021.v15.i01.p03>
- Handayani, N, K., & Zuhrotun, A. (2017). *Padina australis* dan Potensinya Sebagai Obat Herbal Antikanker, Antibakteri dan Antioksidan. Fakuultas Farmasi, Universitas Padjajaran.
- Hidayah, N., Nurbani, S. Z., Kusuma, J., & Siregar, A. N. (2021). Identifikasi Senyawa Fitokimia Ekstrak Waru laut (*Thespesia Populnea*) dari Pesisir Pantai Semarus Kabupaten Natuna. *Jurnal Blufin Fisheries*, 2(2), 8. <https://doi.org/10.15578/jbf.v2i2.57>
- Hidayah, N., Sumandiarsa, I, K., & Alqadiri, W, M. (2024). Kandungan Senyawa Fitokimia dan Aktivitas Antifungal Ekstrak *Padina sp.* Menggunakan *Ultrasound Assisted* rhadap *Aspergillus flavus*. *JPHPI*. 27(4): 297-308.
- E., Fatimawali, F., & Tallei, T. (2021). Analisis GC-MS (GAS phy - Mass Spectrometry) Ekstrak Metanol dari Umbi Rumput Teki *rotundus L.*. *Pharmacon*, 10(2), 849. <https://doi.org/10.35799/pha.10.2021.34034>



- Kanifah, U., Lutfi, M., & Susilo, B. (2015). *Karakterisasi Ekstraksi Daun Sirih Merah (Piper crocatum) dengan Metode Ekstraksi Non-Thermal Berbantuan Ultrasonik (Kajian Perbandingan Jenis Pelarut dan Lama Ekstraksi)*. 3.
- Khadijah, K., Soekamto, N. H., Firdaus, F., Chalid, S. M. T., Syah, Y. M. (2021). Chemical Composition, Phytochemical Constituent, and Toxicity of Methanol Extract of Brown Algae (*Padina sp.*) from Putondo Coast, Takalar (Indonesia). *Journal of Food Quality Hazards Control*. 8: 178-185.
- Li Y, Fu X, Duan D, Liu X, Xu J, Gao X. (2017). Extraction and Identification of Phlorotannins from the Brown Alga, *Sargassum fusiforme* (Harvey) Setchell. *Marine drugs* 15(2): 49.
- Marlina Kristina, C. V., Ari Yusasrini, N. L., & Yusa, N. M. (2022). Pengaruh Waktu Ekstraksi Dengan Menggunakan Metode Ultrasonic Assisted Extraction (UAE) Terhadap Aktivitas Antioksidan Ekstrak Daun Duwet (*Syzygium cumini*). *Jurnal Ilmu dan Teknologi Pangan (ITEPA)*, 11(1), 13. <https://doi.org/10.24843/itepa.2022.v11.i01.p02>
- Miricioiv, M. G., Niculescu, V., Dinca, O. R., Mitu, F., Craciun, M. E. (2016). Analytical Errors in Routine Gas Chromatography Analysis. *REV. CHIM. (Bucharest)*. 67(3):396-400.
- Min, T. F., Alimuddin, A. H., Rudiyanisah. (2016). Karakterisasi Senyaa Fenolik dari Fraksi Etil Asetat Pada Kulit Batang Tumbuhan Ceria (*Baccaurea hookeri*). *JKK*. 6(4):75-82.
- Nastiti, K., Nugraha, F. D., Kurniawati, D. (2023). Identifikasi Senyawa Aktif Antibakteri dari Ekstrak Bajakah (*Spatholobus Littoralisk Hask*) dengan GCMS (Gass Chromatography Mass Spectrometry). *Journal Surya Medika*. <https://doi.org/10.33084/jsm.v9i1.5195>
- [No title found]. (n.d.). *International Journal of Pharmaceutical Sciences and Research*, 5(8).
- National Institute of Standards and Technology Web Book. (2023). U.S. Secretary of Commerce on Behalf of the United States of America.
- National Center for Biotechnology Information. (2025). Pubchem Compound Summary for CID 91693307.
- National Center for Biotechnology Information. (2025). Pubchem Compound Summary for CID 545963.
- National Center for Biotechnology Information. (2025). Pubchem Compound Summary for CID 36247.
- Pratiwi, L., Fudholi, A., Martien, R., & Pramono, S. (2016). Ethanol Extract, Ethyl Acetate Extract, Ethyl Acetate Fraction, and n-Heksan Fraction Mangosteen Peels (*Garcinia mangostana* L.) As Source of Bioactive Substance Free-Radical Scavenger. *JPSCR : Journal of Pharmaceutical Science and Clinical Research*, [s://doi.org/10.20961/jpscr.v1i2.1936](https://doi.org/10.20961/jpscr.v1i2.1936)
- ri, D. M., & Harnianti, W. (2023). Ekstrak Jeruk Nipis Sebagai Obat embuhan Penyakit Gastritis dengan metode GC-MS. *Journal of al and Health Research*, 4(1), 152–158. [/10.47065/jharma.v4i1.3253](https://doi.org/10.47065/jharma.v4i1.3253)



- Sahaaban, M, T., Chaly, M, F., & Fahmi, S, M. (2021). Antibacterial Activities of Hexadecanoic Acid Methyl Ester and Green-Synthesized Silver Nanoparticels Against Multidrug-Resistant Bacteria. *Journal of Basic Microbiology*. 61(6), 557-568.
- Shiney, E., & Wilsy, J. I. (2014). Bioactive compounds identification from marine macro algae *Padina australis* using methanol extract. *International Journal of Pharmaceutical Sciences and Research*, 5(8), 3353.
- Sutomo., Kiptiah, M., Nurmaida., Arnida. (2021). Identifikasi Potensi Senyawa Antioksidan dari Fraksi Etil Asetat Daun Mundar (*Garcinia forbessi King*). Asal Kalimantan Selatan. *Lembaga Penelitian dan Pengabdian Masyarakat*. 6(3):1-6.
- Wijayanti, D, N., Sudjarwo, G, W., & Putra, N. (2021). Antibacterial Activity 96% Ethanol Extract of Brown Seaweed (*Padina australis*) from Poteran Island Madura against *Staphylococcus aureus* ATCC 25923. *Biomedical & Pharmacology Journal*. 14(2): 1059-1064.

