

DAFTAR PUSTAKA

- Abranches, D. O., Benfica, J., Soares, B. P., Leal-Duaso, A., Sintra, T. E., Pires, E., Pinho, S. P., Shimizu, S., & Coutinho, J. A. P., 2020, Unveiling the Mechanism of Hydrotropy: Evidence for Water-Mediated Aggregation of Hydrotropes Around the Solute, *Chemical Communications*. DOI: 10.1039/D0CC03217D
- Abubakar, Abdullahi R., & Haque, Mainul, 2020, Preparation of Medicinal Plants: Basic Extraction and Fractionation Procedures for Experimental Purposes, *Journal of Pharmacy & BioAllied Sciences*. DOI: 10.4103/jpbs.JPBS_175_19
- Azmin, Siti Nurul Huda M., Manan, Zainuddin A., Alwi, Sharifah R. W., Chua, Lee S., Mustaffa, Azizul A., & Yunus, Nor A., 2016, Herbal Processing and Extraction Technologies, *Separation & Purification Reviews*. <http://dx.doi.org/10.1080/15422119.2016.1145395>
- Bayu, 2020, Demand Tinggi Selama Pandemi, Badan POM Kawal Pengembangan Obat Herbal Berkualitas. <https://www.pom.go.id/new/view/more/berita/19178/Demand-Tinggi-Selama-Pandemi--Badan-POM-Kawal-Pengembangan-Obat-Herbal-Berkualitas.html> diakses pada 10 Januari 2022 pukul 13.00 WIB.
- BPOM, 2019, PERATURAN BADAN PENGAWAS OBAT DAN MAKANAN NOMOR 32 TAHUN 2019 TENTANG PERSYARATAN KEAMANAN DAN MUTU OBAT TRADISIONAL, BPOM, Jakarta.
- Carpentieri, S., Soltanipur, F., Ferrari, G., Pataro, G., & Donsi, F., 2021, Emerging Green Techniques for the Extraction of Antioxidants from Agri-Food By-Products as Promising Ingredients for the Food Industry, *Antioxidants*. 10, 1417. <https://doi.org/10.3390/antiox10091417>
- Cvetanović, Aleksandra, 2019, Extractions Without Organic Solvents: Advantages and Disadvantages, *Chemistry Africa*. <https://doi.org/10.1007/s44250-019-00070-1>
- Dandekar, D. V., & Gaikar, V. G. (2006). *Hydrotropic Extraction of Curcuminoids from Turmeric*. 38:5, 1185–1215. <https://doi.org/10.1081/SS-120018130>
- Dandekar, D. V., Jayaprakasha, G. K., & Patil, B. S. (2007). *Hydrotropic extraction of bioactive limonin from sour orange (Citrus aurantium L.) seeds*. 109, 515–520. <https://doi.org/10.1016/j.foodchem.2007.12.071>
- Departemen Kesehatan RI, 2000, PARAMETER STANDAR UMUM EKSTRAK TUMBUHAN OBAT, Direktorat Jenderal Pengawasan Obat dan Makanan, Direktorat Pengawasan Obat Tradisional, Jakarta.
- Desai, M. A., & Parikh, J. (2012). *Hydrotropic Extraction of Citral from Cymbopogon flexuosus (Steud.) Wats.* 51, 3750–3757. <https://doi.org/10.1021/ie202025b>

- Dhapte, V., & Mehta, P., 2016, Advances in hydrotropic solutions: An updated review, *St. Petersburg Polytechnical University Journal: Physics and Mathematics*. <http://dx.doi.org/10.1016/j.spjpm.2015.12.006>
- Dhinakaran, M., Morais, A. B., & Gandhi, N. N. (2012). *Extraction of Vanillin Through Hydrotropy*. 25(1), 231–236. <https://doi.org/10.14233/ajchem.2013.12915>
- Feng, W., Li, M., Hao, Z., & Zhang, J., 2020, Analytical Methods of Isolation and Identification, *Phytochemicals in Human Health*. <http://dx.doi.org/10.5772/intechopen.88122>
- Latha, C. (2007). *Selective Extraction of Embelin from Embelia ribes by Hydrotropes*. 41:16, 3721–3729. <https://doi.org/10.1080/01496390600957207>
- Mazaud, A., Lebeuf, R., Laguerre, M., & Nardello-Rataj, V. (2020). *Hydrotropic extraction of carnosic acid from rosemary with short chain alkyl polyethylene glycol ethers*. <https://doi.org/10.1021/acssuschemeng.0c05078>
- Mazaud, A., Lebeuf, R., Pierlot, C., Laguerre, M., & Nardello-Rataj, V. (2021). *Amyl Xyloside, a Selective Sugar-Based Hydrotrope for the Aqueous Extraction of Carnosic Acid from Rosemary*. 9, 4801–4811. <https://doi.org/10.1021/acssuschemeng.0c09366>
- Mishra, S. P., & Gaikar, V. G. (2004). *Recovery of Diosgenin from Dioscorea Rhizomes Using Aqueous Hydrotropic Solutions of Sodium Cumene Sulfonate*. 43, 5339–5346. <https://doi.org/10.1021/ie034091>
- Mishra, S. P., & Gaikar, V. G. (2007). *Aqueous Hydrotropic Solution as an Efficient Solubilizing Agent for Andrographolide from Andrographis paniculata Leaves*. 41:06, 1115–1134. <https://doi.org/10.1080/01496390600633675>
- Mishra, S. P., & Gaikar, V. G. (2009). *Hydrotropic Extraction Process for Recovery of Forskolin from Coleus Forskohlii Roots*. 48, 8083–8090. <https://doi.org/10.1021/ie801728d>
- Nagarajan, J., Heng, W. W., Galanakis, C. M., Ramanan, R. N., Raghunandan, M. E., Sun, J., Ismail, A., Beng-Ti, T., & Prasad, K. N., 2016, Extraction of phytochemicals using hydrotropic solvents, *Separation Science and Technology*, 51:7, 1151–1165. <https://doi.org/10.1080/01496395.2016.1143842>
- Picot-Allain, C., Mahomoodally, M. F., Ak, G., Zengin, G. (2021). *Conventional versus green extraction techniques - a comparative perspective*. 34, 144–156. <https://doi.org/10.1016/j.cofs.2021.02.009>
- Poole, Colin F., 2020, Solvent Selection for Liquid-Phase Extraction, *Liquid-Phase Extraction*. <https://doi.org/10.1016/B978-0-12-816911-7.00002-5>
- Prakash, D. G., Panneerselvam, P., & Madhusudanan, S. (2014). *HYDROTROPIC EXTRACTION OF XANTHONES FROM MANGOSTEEN PERICARP*. 984–985, 372–376. <https://doi.org/10.4028/www.scientific.net/AMR.984-985.372>

- Raman, G., & Gaikar, V. G. (2002). *Extraction of Piperine from Piper nigrum (Black Pepper) by Hydrotropic Solubilization*. 41, 2966–2976. <https://doi.org/10.1021/ie0107845>
- Raman, G., & Gaikar, V. G. (2003). *Hydrotropic Solubilization of Boswellic Acids from Boswellia serrata Resin*. 19, 8026–8032. <https://doi.org/10.1021/la034611r>
- Rasul, Mohammed G., 2018, Conventional Extraction Methods Use in Medicinal Plants, their Advantages and Disadvantages, *International Journal of Basic Sciences and Applied Computing (IJBSAC)*. <https://www.ijbsac.org/wp-content/uploads/papers/v2i6/F0082122618.pdf>
- Salim, Zamroni, Munadi, Ernawati, 2017, Info Komoditi Tanaman Obat. Badan Pengkajian dan Pengembangan Perdagangan Kementerian Perdagangan Republik Indonesia.
- Sharma, R. A., & Gaikar, V. G. (2012). *Hydrotropic Extraction of Reserpine from Rauwolfia vomitoria Roots*. 47:6, 827–833. <https://doi.org/10.1080/01496395.2011.635623>
- Singh, Vinay K., 2021, Herbal Extracts. <https://www.pharmatutor.org/content/pharmapedia/herbal-extracts> diakses pada 28 Januari 2022.
- Snyder, H. (2019). *Literature review as a research methodology: An overview and guidelines*. 333-339. <https://doi.org/10.1016/j.jbusres.2019.07.039>
- Stanton, K., Tibazarwa, C., Certa, H., Greggs, W., Hillebold, D., Jovanovich, L., Woltering, D., & Sedlak, R., 2009, Environmental Risk Assessment of Hydrotropes in the United States, Europe, and Australia, *Integrated Environmental Assessment and Management* Vol. 6, No. 1 – pp. 155-163. DOI: 10.1897/IEAM_2009-019.1