DAFTAR PUSTAKA

Abou-Donia, A. H., Darwish, F. A., Toaima, S. M., Shawky, E., & Takla, S. S. (2014). A new approach to develop a standardized method for assessment of acetylcholinesterase inhibitory activity of different extracts using HPTLC andimage analysis. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, *955–956*(1), 50–57. https://doi.org/10.1016/j.jchromb.2014.02.013

Bhardwaj, P., Banarjee, A., Jindal, D., Kaur, C., Singh, G., Kumar, P., Sharma, A., & Kumar, R. (2020). Validation of TLC-Densitometry Method for Estimation of Catechin in Acacia catechu Heartwood. *Pharmaceutical Chemistry Journal*, *54*(2), 184–189. https://doi.org/10.1007/s11094-020-02175-1

Bittner, M., Schenk, R., & Melzig, M. F. (2016). Alternativeapproach to species identification of Actaea racemosa L. (syn. Cimicifuga racemosa (L.) Nutt., black cohosh) herbal starting material: UV spectroscopy coupled withLDA.*PhytochemistryLetters*,*18*,220https://doi.org/10.1016/j.phytol.2016.10.001

Dai, H., Gao, Q., & He, L. (2020). Rapid Determination of Saffron Grade and Adulteration by Thin-Layer Chromatography Coupled with Raman Spectroscopy. *Food Analytical Methods*, *13*(11), 2128–2137. https://doi.org/10.1007/s12161-020-01828-x

Emilda, E., & Delfira, N. (2023). Pemanfaatan Silika Gel 70-230 Mesh Bekas Sebagai Pengganti Fase Diam Kromatografi Kolom pada Praktikum Kimia Organik. *Indonesian Journal of Laboratory*, *1*(1), 45. https://doi.org/10.22146/ijl.v1i1.82006

Glavnik, V., & Vovk, I. (2019). High performance thin-layer chromatography–mass spectrometry methods on diol stationary phase for the analyses of flavan-3-ols and proanthocyanidins in invasive Japanese knotweed. *Journal ofChromatographyA*,*1598*,196https://doi.org/10.1016/j.chroma.2019.03.050

Kalil, A. C., & Thomas, P. G. (2019). Influenza virus-related critical illness: Pathophysiology and epidemiology. *Critical Care*, *23*(1), 1–7. https://doi.org/10.1186/s13054-019-2539-x

Kumssa, L., Layloff, T., Hymete, A., & Ashenef, A. (2022). High performance thin layer chromatography (HPTLC) method development and validation for determination of doxycycline hyclate in capsule and tablet formulations. *ActaChromatographica*,*34*(3), https://doi.org/10.1556/1326.2021.00926

Kurniawan, C., Waluyo, T. B., & Perdamean Sebayang. (2011). Analisis Ukuran Partikel Menggunakan Free Software Image-J. *Seminar Nasional Fisika*, *Juli2011*, 1–9. https://www.researchgate.net/publication/215445822

Leswara. (2007). Penetapan Kadar Ibuprofen a Hidroklorida Dan Pseudoefedrina Hidroklorida Dalam Sediaan Sirup Obat Influenza Secara Kromatografi Lapis Tipis Densitometri. *Pharmaceutical Sciences and Research*, *4*(2). https://doi.org/10.7454/psr.v4i2.3412

Miniyar, P. B., Thomas, A. B., Kulkarni, R. D., Kadam, S. A., Chouhan, P. P., & Chitlange, S. S. (2019). Development of an analytical method for identification of the genotoxic impurity of quetiapine fumarate by high-performance thin-layer chromatography. *Journal of Planar Chromatography - Modern TLC*, *32*(4), 317–321. https://doi.org/10.1556/1006.2019.32.4.6

Morlock, G. E. (2021). High-performance thin-layer chromatography combined with effect-directed assays and high-resolution mass spectrometry as an emerging hyphenated technology: A tutorial review. *Analytica Chimica Acta*,*1180*, 338644. https://doi.org/10.1016/j.aca.2021.338644

Phattanawasin, P., Sotanaphun, U., & Sriphong, L. (2009). Validated TLC-image analysis method for simultaneous quantification of curcuminoids in curcuma longa. *Chromatographia*, *69*(3–4), 397–400. https://doi.org/10.1365/s10337-008-0893- Ramadhani, F. A., Kusumawati, I., Primaharinastiti, R., Rullyansyah, S., Sandhori,

F. J., & Prasetyawan, H. R. (2023). Comparative Study of Densitometry and Videodensitometry for Quantitating the Active Pharmaceutical Ingredients Using Thin Layer Chromatography – Systematic Review. *Jurnal Farmasi Dan IlmuKefarmasianIndonesia*,*10*(2),141–150. https://doi.org/10.20473/jfiki.v10i22023.141-150

Sandhya, B., Hegde, A. H., Kalanur, S. S., Katrahalli, U., & Seetharamappa, J. (2011). Interaction of ibuprofen hydrochloride with serum albumins: Thermodynamic and binding characteristics, and influence of site probes. *Journal of Pharmaceutical and Biomedical Analysis*, *54*(5), 1180–1186. https://doi.org/10.1016/j.jpba.2010.12.012

Sowers, M. E., Ambrose, R., Bethea, E., Harmon, C., & Jenkins, D. (2022). Quantitative thin layer chromatography for the determination of medroxyprogesterone acetate using a smartphone and open-source image analysis. *Journal of Chromatography A*, *1669*, 462942. https://doi.org/10.1016/j.chroma.2022.462942

Spangenberg, B., Poole, C. F., & Weins, C. (2011). Quantitative thin-layer chromatography: A practical survey. In *Quantitative Thin-Layer Chromatography: A Practical Survey*. https://doi.org/10.1007/978-3-642-10729-0

Sriphong, L., Chaidedgumjorn, a, & Chaisuroj, K. (2009). Derivative Spectrophotometry Applied to the Determination of Ibuprofen Hydrochloride and Pseudoephedrine Hydrochloride in Tablets and Dissolution Testing. *World Academey of Science, Engineering and Technology*, *55*, 573– 577.

Tan, A., Zhao, Y., Sivashanmugan, K., Squire, K., & Wang, A. X. (2019). Quantitative TLC-SERS detection of histamine in seafood with support vector machine analysis. *Food Control*, *103*(April), 111–118. https://doi.org/10.1016/j.foodcont.2019.03.032

Trinh, K. V., Kim, J., & Ritsma, A. (2015). Effect of pseudoephedrine in sport: A systematic review. *BMJ Open Sport and Exercise Medicine*, *1*(1). https://doi.org/10.1136/bmjsem-2015-000066

Wang, X., Li, H., Quan, K., Zhao, L., Qiu, H., & Li, Z. (2021). Preparation and applications of cellulose-functionalized chiral stationary phases: A review. *Talanta*,*225*(September2020),121987.https://doi.org/10.1016/j.talanta.2020.121987