

DAFTAR PUSTAKA

- Ahmed, S., dan Stepp, J. R. 2013. *Tea in Health and Disease Prevention Chapter 2 Green Tea: The Plants, Processing, Manufacturing and Production.* Florida: Elsevier, Inc. DOI: 10.1016/B978-0-12-384937-3.00002-1, hal.19-31
- Alamanou, A., Blattmann, C., Gould, A., dan Winkler, J. 2013. *Practica in Process Engineering II Time Contact Persons. IPE Separation Process Laboratory - ETH Zurich,* (Phase 1), 30. Retrieved from https://www.ethz.ch/content/dam/ethz/special-interest/mavt/process-engineering/separation-processes-laboratory-dam/documents/practica_in_process_engineering_2/extraction.pdf
- Andersen, Ø.M. dan Kenneth R. M. 2006. *Flavonoids Chemistry, Biochemistry and Applications.* Boca Raton: CRC Press Taylor & Francis Group, hal. 1-2.
- Anjarsari.2016. *Katekin Teh Indonesia : Prospek dan Manfaatnya Indonesia Tea Catechin : Prospect and Benefits.* Jurnal Kultivasi Vol. 15,hal 99-106
- AOAC International. 2002. *Guidelines for single laboratory validation of chemical methods for dietary supplements and botanicals.* AOAC International, 19. DOI: 10.1074/jbc.M200778200
- AOAC International. 2013. *Guidelines for Dietary Supplements and Botanicals.* AOAC International.
- Azwanida. 2015. *A Review on the Extraction Methods Use in Medicinal Plants, Principle, Strength and Limitation.* Medicinal & Aromatic Plants, 04(03), 3–8. <https://doi.org/10.4172/2167-0412.1000196>
- Badan Bakuisasi Nasional. 2016. *Baku Nasional Indonesia 1902:2006.* Jakarta: Badan Bakuisasi Nasional, hal. 8.
- Budavari. 2001. *The Merck Index* 13th ed. Merck & Co Ind. New York hal. 1639 &3561.
- Chambers, K. P. 2009. *Caffeine And Health Research.* New York : Nova Science Publishers, Inc., hal vii-xii.

- Cimpoiou, C., Hosu, A., Seserman, L., Sandru, M., dan Miclaus, V. 2010. *Simultaneous determination of methylxanthines in different types of tea by a newly developed and validated KLT method.* J. Sep. Sci., 33(23–24), DOI: 10.1002/jssc.201000554, hal. 3794–3799.
- Conference, I., Harmonisation, O. N., Technical, O. F., For, R., Of, R., For, P., & Of, A. 2013. *Guidance Document: International Conference on Harmonisation of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH) Validation of Analytical Procedures: Text and Methodology; ICH Topic Q2(R1), 1994(October 1994).* https://doi.org/http://www.ich.org/fileadmin/Public_Web_Site/ICH_Products/Guidelines/Quality/Q2_R1/Step4/Q2_R1_Guideline.pdf
- Coskun, O. 2016. *Separation techniques: Chromatography.* Int. J. Biochem., DOI: 10.14744/nci.2016.32757, hal 156-160.
- Demir, E., Serdar, G., dan Sökmen, M. 2016. *Comparison of Some Extraction Methods for Isolation of Catechins and Caffeine from Turkish Green Tea.* Int. J. Secondary Metabolite, 2(2), 16–25. DOI: 10.21448/ijsm.240702
- Departemen Kesehatan RI. 2008. *Farmakope Herbal Indonesia Edisi I.* Jakarta : Departemen Kesehatan RI
- Departemen Kesehatan RI. 2014. *Farmakope Indonesia Edisi V.* Jakarta : Departemen Kesehatan RI
- Graham, Harold N. 1992. *Green Tea Composition, Comsumtion, and PolyPhenol Chemistry. Preventive Medicine* 21, hal. 334-350.
- Gocan, Simion. 2002. *Stationary Phases for Thin-Layer Chromatography. J. Chromatogr. Sci.*, Vol. 40, hal. 1-12.
- Harun, S dan Satria, B., 2014). *Seduhan Yang Beredar Di Pasaran Secara Klt - Densitometri*, 4(1), 43–45.
- Hartoyo, A. 2003. *Teh dan Khasiatnya Bagi Kesehatan Sebuah Tinjauan Ilmiah.* Yogyakarta: Kanisius, hal 9-14.

- Ismail, B. dan Suzanne N. 2010. *Basic Principles of Chromatography*. New York: Springer Science+Business Media, DOI: 10.1007/978-1-4419-1478-1_27, hal. 473-489.
- Ikmanila,r., Mukson, & Setiyawan, H.2018.*Analisis Preferensi Konsumen Rumah Tangga terhadap Teh Celup di Kota Semarang*.Jurnal Optimum , Volume 8. hal 1-12.
- Kumar, dan Rizvi S.I.2014. *Health benefits of black tea*.*Prog Health Sci*, Vol. 4(2) 2014, hal. 135-143.
- Kunarto, B.2005.*Teknologi Pengolahan Tehn Hitam (Camellia sinensis L.Kunz)*Sistem Ortodok. Semarang: Semarang University Press, hal. 9-50.
- Mariyam , S. D.2007. *Perbandingan Kadar Epigalokatekin Galat Dalam Beberapa Sediaan Teh Hijau Yang Beredar Di Surabaya Timur*. Surabaya : Universitas Airlangga Surabaya.
- Min, Z., dan Peigen, X. 1991.*Quantitative analysis of the active constituents in green tea*.*Phytotherapy Research*,5(5). DOI: 10.1002/ptr.2650050512, hal. 239–240
- Namita, P., Rawat M., dan Kumar J. V. 2012. *Camellia Sinensis (Green Tea): A Review*. *Global J.Pharmacol.*,hal. 52-59.
- Naveed, M., Jannat B., Asghar A.K, Imran S., Ihsanullah K., Sarfaraz A.F., Xia F., Shahmir A., Liang Y., Mohib U.K., Mohamed E. A. E., Ahmed E.N., Shi Z., Chen L., dan Zhou X. 2018. *Pharmacological values and therapeutic properties of black tea (Camellia sinensis): A comprehensive overview*. *Biomedicine and Pharmacotherapy*, 100(February), 521–531. DOI: 10.1016/j.biopha.2018.02.048
- Oestreich-Janzen,S.2016. *Caffeine: Characterization and Properties*. *Encyclopedia of Food and Health*.DOI: 10.1016/B978-0-12-384947-2.00098-2, hal. 556-572.
- Preethi J., Harita B., dan Rajesh T.2017. *Review on Thin Layer Chromatography*. *J Formul Sci Bioavailab*1: 107Volume 1, hal. 1-4.

- Salo, P.2007. *Thin-Layer Chromatography with Ultraviolet and Mass Spectrometric Detection: From Preparative-Layer to Miniaturized Ultra-Thin-Layer Technique*. Helsinki: Division of Pharmaceutical Chemistry Faculty of Pharmacy University of Helsinki, hal. 14-24.
- Santiago, M. dan Scott S.2013. *Thin Layer Chromatography .Methods Enzymol.*, Volume 533. DOI: 10.1016/B978-0-12-420067-8.00024-6, hal. 303-323.
- Sherma, J. & Bernard F. 2003. *Handbook of Thin-Layer Chromatography Third Edition, Revised and Expanded*. New York : Marcel Dekker, Inc., hal. 1-50.
- Singh, B. N., Sharmila S., dan Rakesh K. S. 2011 *Green tea catechin, epigallocatechin-3-gallate (EGCG):Mechanisms,perspectives and clinical applications*. *Biochem. Pharmacol.* 82 (2011), hal. 1807–1821.
- Sigma. 1997. Information product. Saint Louis: Sigma Aldrich.
- Sloane-Stanley, G. H. 1964. *Thin Layer Chromatography*.*Annals of the Royal College of Surgeons of England* (1st ed., Vol. 35). Elsevier Inc. DOI: 10.1016/B978-0-12-420067-8.00024-6
- Sweetman, S. 2009. *Martindale 36th edition*. London: The Pharmaceutical Press, hal. 1116-1117.
- Taylor, P., Balentine, D. A., Wiseman, S. A., dan Bouwens, L. C. M. 2009. *Critical Reviews in Food Science and Nutrition The chemistry of tea flavonoids The Chemistry of Tea Flavonoids. Critical Reviews in Food Science and Nutrition*, (October 2011), 37–41. DOI: 10.1021/la502398x
- Unctad Infocom. 2016. *TEA - An INFOCOMM Commodity Profile*. New York: United Nations Conference On Trade And Development
- Vovk, I., Simonovska, B., dan Vuorela, H. (2005). *Separation of Eight Selected Flavan-3-ols on Cellulose Thin-layer Chromatographic Plates*. *J. Chromatogr. A*, 1077(2). DOI: 10.1016/j.chroma.2005.03.096, hal. 188–194.

- Vuong, Q. V., Golding, J. B., Stathopoulos, C. E., Nguyen, M. H., dan Roach, P. D. 2011. *Optimizing conditions for the extraction of catechins from green tea using hot water.* *Journal of Separation Science*, 34(21), 3099–3106. DOI: 10.1002/jssc.201000863
- Wall, P.E.2000.*Chromatography: Thin-Layer (Planar).*UK : Academic Press, hal. 824-835
- Wall, P. E. 2005. *Thin-layer Chromatography A Modern Practical Approach.* UK : The Royal Society of Chemistry, hal. 1-10.
- Wang, K., Zhonghua L., Jian-an H., Donghe F., Fang L., Yushun g., dan Xiaosong W. 2009. *KLT separation of catechins and theaflavins on polyamide plates.* *J. Planar. Chromatogr. - Mod. KLT*, 22(2). DOI : 10.1556/JPC.22.2009.2.4, hal. 97–100.
- Wang, K., Yong L., Qingcao C., Shuangshang Y., Haiyan L. dan Zhonghua L. 2015. *Separation of Catechins and O-Methylated (-) Epigallocatechin Gallate Using Polyamide Thin-Layer Chromatography.* *J. Chromatogr.B*.DOI: 10.1016/j.jchromb.2015.11.060.
- Yashin, A. Y., Boris V. N., Emilie C., dan Yakov I.Y. 2015. *Determination of the Chemical Composition of Tea by Chromatographic Methods: A Review.* *J. Food Research;* Vol. 4, No. 3; 2015.DOI : 10.5539/jfr.v4n3p56
- Yuwono, M., dan Indrayanto, G. 2005. *Validation of Chromatographic Methods of Analysis. Profiles of Drug Substances, Excipients and Related Methodology*,32. DOI: 10.1016/S0099-5428(05)32009-0, hal. 243-259.
- Zhang dan Ruan. 2016. *Tea: Analysis and Tasting.* *Encyclopedia of Food and Health.* DOI: 10.1016/B978-0-12-384947-2.00687-5, hal. 256-267.

Zuo, Y., Chen H., dan Deng Y. 2002. *Simultaneous determination of catechins, caffeine and gallic acids in green, Oolong, black and pu-erh teas using HPLC with a photodiode array detector.* Talanta 57. DOI : 10.1016@s0039-9140(02)00030-9, hal. 307–316.