

DAFTAR PUSTAKA

- Ashokkumar, P. dan Sudhandiran, G., 2008. Protective role of luteolin on the status of lipid peroxidation and antioxidant defense against azoxymethane-induced experimental colon carcinogenesis. *Biomed Pharmacother*, Vol.62, pp. 590-597.
- Ayoobi, F., Ali Shamsizadeh, A., Fatemi, I., Vakilian, A., Allahtavakoli, M., Hassanshahi, G., Ahmadi, A.M., 2017. Bio-effectiveness of the main flavonoids of *Achillea millefolium* in the pathophysiology of neurodegenerative disorders- a review. *Iran J Basic Med Sci*, Vol. 20, No. 6., pp. 604-612.
- Badan Pengawas Obat dan Makanan. 2019. Peraturan Kepala Badan Pengawas Obat dan Makanan Republik Indonesia Nomor 12 Tahun 2014 tentang Persyaratan Mutu Obat Tradisional. Jakarta: Badan Pengawas Obat dan Makanan RI.
- Bansal V.M.R., Pal O.P. and Sharma P.K., 2010. High Performance Liquid Chromatographphy : A Short Review. *Journal of Global Pharma Technology*, Vol. 2 No. 5, pp. 22-26.
- Chen, Q. Liu, S.M. Chen, JH, Zhang, Q. Lin, S. Chen, Z., 2012. Luteolin induces mitochondria-dependent apoptosis in human lung adenocarcinoma cell, *Nat. Prod. Commun.*, Vol. 7, pp. 29-32.
- Depkes RI. 2013. **Farmakope herbal Indonesia**. Edisi I. Jakarta: Departement Kesehatan Republik Indonesia.
- Destryana, R. A. dan Ismawati., 2019. Etnobotani dan Penggunaan Tumbuhan Liar Sebagai Obat Tradisional Oleh Masyarakat Suku Madura (Studi Di Kecamatan Lenteng, Guluk-Guluk, dan Bluto).

Journal of Food Technology and Agroindustry. Vol. 1, No.2., pp. 1-8.

Dharmender R, Madhavi T, Reena A, Sheetal A., 2010. Simultaneous Quantification of Bergenin, (+)-Catechin, Gallicin and Gallic acid; and quantification of β -Sitosterol using HPTLC from *Bergenia ciliata* (Haw.) Sternb. Forma ligulata Yeo (Pasanbheda). *Pharm Anal Acta*, Vol. 1 , pp. 1-9.

Efferth, T. dan Greten, H.J., 2012. Quality Control for Medicinal Plants. *Med Aromat Plant*. Vol. 1 No. 7, pp. 1-3

Eichsteinerger, J., Kirisits, K., Smöch, C., Stadlbauer, C., Nguyen, H., Jäger, W., Özmen, A., Ecker, G., Krupitza, G., and Krenn, L., 2019. Structural Insight into the In Vitro Anti-Intravasative Properties of Flavonoids.

Gandjar, I. G. dan Rohman, A., 200, Kimia Farmasi Analisis, Pustaka Pelajar, Yogyakarta.

Gudzenko, A., 2013. Development and Validation of A Rp-Hplc Method for The Simultaneous Determination of Luteolin and Apigenin in Herb of *Achillea Millefolium* L., *The Pharma Innovation - Journal*, Vo. 2 No.7 , pp. 7–14.

Handa, S.S., Hanuja, S.P.S., Gennaro, L., Rakesh, D.D., 2008. *Extraction Technologies for Medicinal and Aromatic Plants*. Italy: United Nations Industrial Development Organization and the International Centre.

Harmita. 2004. Petunjuk Pelaksanaan Validasi Metode dan Cara perhitungannya, *Ilmu Kefarmasian*, Vo. 1 No. 3, pp. 117–135.

- Kukkar, M., Kukkar, R. dan Saluja, A., 2014. Validation of HPTLC method for the analysis of luteolin in *Cardiospermum halicacabum* Linn. *International Journal of Green Pharmacy*, pp. 252-256.
- Lavenia, C., Adam, R.A., Dyasti, J.A., dan Febrianti,N., 2019. Tumbuhan Herbal dan Kandungan Senyawa pada Jamu sebagai Obat Tradisional di Desa Kayumas, Situbondo (Studi Ethnobotani). *Jurnal KSM Eka Prasetya UI*, Vol. 5 No. 5.
- Lestaridewi, N.K., Jamhari, M., Isnainar ., 2017. Kajian Pemanfaatan Tanaman sebagai obat tradisional di Desa Tolai Kecamatan Parigi Moutong. *E-JIP BIOL*, Vol. 5 No. 2, pp. 92–108.
- Li, S., Quanbin, H., Qiao, C., Song, J., Cheng, Chuen L., and Xu, H., 2008. Chemical Markers for The Quality Control of Herbal Medicines: An overview, *Chinese Medicine*, Vo. 3 No.7 , pp. 1–16.
- Liu, L.Z. Fang, J. Zhou, Q. Hu, X. Shi, X. dan Jiang, B.H., 2005. Apigenin inhibits expression of vascular endothelial growth factor and angiogenesis in human lung cancer cells: Implication of chemoprevention of lung cancer. *Mol. Pharmacol.*, Vol. 68, pp. 635–643.
- Mehta, M., Satija, S., dan Garg, M., 2016. Comparison Between HPLC and HPTLC Densitometry for the Determination of 11-keto- β -boswellic acid and 3- acetyl-11-keto- β -boswellic acid from *Boswellia serrata* Extract. *Indian Journal of Pharmaceutical Education and Research*, Vol 50, No.3., pp. 418-423.
- Mukherjee, P. K.,2019. *Quality Assurance of Herbal Drugs and Stability Testing*. Quality Control and Evaluation of Herbal Drugs. Edisi ke-1, India: Elsevier.

- Mukhriani., 2014. Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif, *Kesehatan*. Vol. 7 No. 2, pp. 361-367.
- Panchal,H., Amin, A., Shah, M., and Bhatt, V., 2017. Development of Validated High Performance Thin Layer Chromatography Method for Simultaneous Determination of Apigenin and Luteolin in Achillea Millefolium Hiteksha, *Brazilian Journal of Pharmacognosy*, Vol. 27 No. 1, pp. 50–53.
- Park, C.M. Jin, K.S. Cho, C.W. Lee, Y.W. Huh, G.H. Cha, Y.S., 2012. Luteolin inhibits inflammatory responses by downregulating the JNK, NF- κ B, and AP-1 pathways in TNF- α activated HepG2 cells. *Food Sci. Biotech.*, Vol. 21, 2012, pp. 279- 283
- Patel, N. G., Patel, K. G., Patel, K. V., dan Gandhi, T., 2015. Validated HPTLC Method for Quantification of Luteolin and Apigenin in *Premna mucronata* Roxb., Verbenaceae. Pharmacological Sciences, pp. 1-7.
- Roest, J.V.D. dan Groot M. J., 2006. Quality Control In The Production Chain of Herbal Products, *Institute of Food Safety, Wageningen University and Research Centre*, Vol. 18 No.2, pp. 253-260.
- Satpathy, S., Patra, A., dan Ahirwar, B., 2018. Development and Validation of a Novel High-Performance Thin-Layer Chromatography Method for the Simultaneous Determination of Apigenin and Luteolin in *Hygrophila spinosa* T. Anders. *Journal of Planar Chromatography*, Vol. 31 No. 6, pp. 437–443.
- Shambhu, N., dan Dighe, V., 2014. **Development, Validation of HPTLC Method for Simultaneous Quantitation of Luteolin, Apigenin**

from *Cardiospermum Halicacabum* Linn. And *Hydnocarpus Pentandra* (Buch.-Ham)Oken. *Int J Pharm Pharm Sci*, Vol 6 No. 7, pp. 408-412.

Sherma, J. and Fried, B. 2003. *Handbook of Thin-Layer Chromatography*. 3rd Ed. New York: Marcel Dekker, Inc.

Shivhare, R. S., Nagore, Dheeraj H., Nipanikar, S. U., 2013. ‘HPTLC’ an Important Tool in Standardization of Herbal Medical Product : A Review. *Journal of Scientific & Innovative Research* , Vol. 2 No.6, pp. 1086-1096.

Shukla, S. MacLennan, G.T. Flask, C.A. Fu, P. Mishra, A. Resnick, M.I. dan Gupta, S. “Blockade of β -catenin signaling by plant flavonoid apigenin suppresses prostate carcinogenesis in TRAMP mice, *Cancer Res.*, Vol. 67, 2007, pp. 6925– 6935.

Syamsuhidayat SS, Hutapea JR., 2000. *Inventaris Tanaman obat Indonesia Jilid I*. Departemen Kesehatan dan Kesejahteraan Sosial RI. Badan Penelitian dan Pengembangan Kesehatan. Jakarta.

Touchstone, J. C. 1992. *Practice oF Thin Layer Chromatography*. New York.

U.S. Pharmacopeia. The United States Pharmacopeia, 2018. *USP 41/The National Formulary*,. Rockville, MD: U.S. Pharmacopeial Convention, Inc.,.

Watson D. G, 2009. *Analisis Farmasi* : Buku Ajar Untuk Mahasiswa Farmasi dan Praktisi Kimia Farmasi Edisi ke 2. Jakarta : Buku Kedokteran EGC

- Wisudyaningsih., 2012. Studi Preformulasi: Validasi Metode Spektrofotometri Ofloksasin Dalam Larutan Dapar Fosfat, *Stomatognatic*, Vol. 9 No.2, pp. 72–81.
- Yuwono, M. and Indrayanto, G. 2005. Validation of Chromatographic Methods of Analysis, *Profiles of Drug Substances, Excipients and Related Methodology*. Surabaya, Vol. 32 No.5, pp. 241–260.
- Zamri, R. J., .2008. *Validasi Metode Penentuan Kadar Apigenin Dalam Ekstrak Seledri Dengan Kromatografi Cair Kinerja Tinggi. Institut Pertanian, Skripsi*. Institusi Pertanian Bogor. Bogor.