

DAFTAR PUSTAKA

- Ahuja, S., & Dong, M.W., 2005, Handbook of Pharmaceutical Analysis by HPLC, Vol. 6, Amsterdam: Elsevier Academic Press
- AOAC International, 2012, Method Validation Programs, Appendix F: Guidelines for Standard Method Performance Requirements, USA
- Björkqvist, B., 1981, Separation and determination of aliphatic and aromatic amines by high-performance liquid chromatography with ultraviolet detection, *Journal of Chromatography*, 204: 109-114
- Bliesner, D.M., 2006, Validating Chromatographic Methods a Practical Guide, New Jersey: John Wiley and Sons Inc.
- Breda, M., Marrari, M., Pianezzola, E., & Benedetti, M. S., 1996, Determination of ethambutol in human plasma and urine by high-performance liquid chromatography with fluorescence detection, *Journal of Chromatography A*, 729: 301-307
- Brennan, P. J., 2008, Handbook of Anti-Tuberculosis Agents, Vol. 88, New York: Elsevier Ltd.
- Calleri, E., Lorenzi, E. D., Furlanetto, S., Massolini, G., & Caccialanza, G., 2002, Validation of a RP-LC Method for The Simultaneous Determination Isoniazid, Pyrazinamide and Rifampicin in a Pharmaceutical Formulation, *Journal of Pharmaceutical and Biomedical Analysis*, 29: 1089-1096
- Chenevier, P., Massias, L., Gueylard, D., & Farinotti, R., 1998, Determination of ethambutol in plasma by high-performance liquid chromatography after pre-column derivatization, *Journal of Chromatography B*, 708: 310-315
- Departement of Health South Africa, 2014, National Tuberculosis Management Guidelines, South Africa: Departement of Health, Republic of South Africa
- Direktorat Jenderal Bina Kefarmasian dan Alat Kesehatan, 2014, Farmakope Indonesia, Edisi V, Jakarta: Kementerian Kesehatan Republik Indonesia
- Edmann, P., 1949, Mechanism of the phenyl isothiocyanate degradation of peptides, *Acta Chem. Scand.*, 4: 283
- Épshtein, N.A., 2004, Validation of HPLC Techniques for Pharmaceutical Analysis, *Pharmaceutical Chemistry Journal*, 38(4): 212-228
- Ermer, J., & Nethercote, P., 2015, Method Validation in Pharmaceutical Analysis, 2th Ed., Weinheim: Wiley-VCH Verlag GmbH and Co. KGaA

- Hamilton, R.J., & Sewell, P.A., 1977, Introduction to High Performance Liquid Chromatography, 2th Ed., London: Chapman and Hall Ltd.
- Heggie, J. R., Wu, M., Burns, R. B., Ng, C. S., Fung, H. C., Knight, G., et al., 1997, Validation of a high-performance liquid chromatographic assay method for pharmacokinetic evaluation of busulfan, *Journal of Chromatography B*, 692: 437-444
- Heinrikson, R. L., & Meredith, S. C., 1984, Amino acid by reverse-phase high-performance liquid chromatography: precolumn derivatization with phenylisothiocyanate, *Analytical Biochemistry*, 136: 65-74
- International Conference on Harmonisation, 1994, Validation of Analytical Procedures: Text and Methodology Q2(R1), *ICH Harmonised Tripartite Guideline*, 2(1): 6
- Jongrungruangchok, S., & Songsak, T., 2014, Method Validation of Isoniazid, Rifampicin, Pyrazinamide, and Ethambutol in a Fixed-dose Combination Antituberculosis by HPLC, *Rangsit Journal of Arts and Sciences*, 4(1): C1-C5
- Kazakevich, Y., & LoBrutto, L., 2007, HPLC for Pharmaceutical Scientists, New Jersey: John Wiley & Sons Inc.
- Kenny, M. T., & Strates, B., 1981, Metabolism and Pharmacokinetics of The Antibiotic Rifampin, Indiana: Marcel Dekker, Inc.
- Khoiri, S., Martono, S., & Rohman, A., 2015, Optimisation and Validation of HPLC Method for Simultaneous Quantification of Rifampicin, Isoniazid, Pyrazinamide, and Ethambutol Hydrochloride in Anti-Tuberculosis 4-FDC Tablet, *Jurnal Teknologi*, 77: 171-176
- Liang, Z., Leslie, J., Adebowale, A., Ashraf, M., & Eddington, N. D., 1999, Determination of the nutraceutical, glucosamine hydrochloride, in raw materials, dosage forms and plasma using pre-column derivatization with ultraviolet HPLC, *Journal of Pharmaceutical and Biomedical Analysis*, 20: 807-814
- Matsubayashi, K., Kojima, C., Tachizawa, H., 1988, Determination of tranexamic acid in human serum by high-performance liquid chromatography using selective pre-column derivatization with phenyl isothiocyanate, *Journal of Chromatography*, 433: 225-234
- McMaster, M.C., 2007, HPLC A Practical User's Guide, 2th Ed., New Jersey: John Wiley & Sons Inc.
- Meyer, V.R., 2004, Practical High-Performance Liquid Chromatography, 4th Ed., Chichester: John Wiley and Sons Inc.

- Millerioux, L., Brault, M., Gualano, V., & Mignot, A., 1996, High-performance liquid chromatographic determination of baclofen in human plasma, *Journal of Chromatography A*, 729: 309-314
- Ornaf, R.M., & Dong, M.W., 2005, Handbook of Pharmaceutical Analysis by HPLC, Vol. 6, Amsterdam: Elsevier Academic Press
- Raganath, M. K., Chandramouli, R., Sandeep, K., & Prasad, K., 2013, Method Development and Validation of Anti-Tubercular Drugs in Fixed Dose Formulation by RP-HPLC Technique, *International Journal of Universal Pharmacy and Bio Sciences*, 2(4): July-August
- Rageh, A. M. I. M., Mohamed, F. A., Atia, N. N., & Botros, S. M., 2015, Simultaneous Densitometric Determination of First Line Anti-TB Drugs in Binary, Ternary, and Quaternary Mixtures, *Journal of Liquid Chromatography & Related Technologies*, 38: 1061-1067
- Sadek, P.C., 2004, Illustrated Pocket Dictionary of Chromatography, New Jersey: John Wiley & Sons Inc.
- Shewiyo, D. H., Kaale, E., Risha, P. G., Dejaegher, B., Verbeke, J. S., & Heyden, V. Y., 2012, Optimization of a reversed-phase-high-performance thin-layer chromatography method for the separation of isoniazid, ethambutol, rifampicin and pyrazinamide in fixed-dose combination antituberculosis tablets, *Journal of Chromatography A*, 1260: 232-238
- Singh, S., Mariappan, T. T., Sharda, N., Kumar, S., & Chakraborti, A. K., 2000, The Reason for an Increase in Decomposition of Rifampicin in The Presence of Isoniazid Under Acid Conditions, *Pharm. Pharmacol. Commun.*, 6: 405-410
- Song, S.H., Jun, S.H., Park, K.U., Yoon, Y., Lee, J.H., Kim, J.Q., et al., 2007, Simultaneous Determination of First-Line Anti-Tuberculosis Drugs and Their Major Metabolic Ratios by Liquid Chromatography/Tandem Mass Spectrometry, *Rapid Commun Mass Spectrom*, 21(1): 1331-1338
- Strock, J., Nguyen, M., & Sherma, J., 2015, Transfer of Minilab TLC Screening Methods to Quantitative HPTLC-Densitometry for Pyrazinamide, Ethambutol, Isoniazid, and Rifampicin in a Combination Tablet, *Journal of Liquid Chromatography & Related Technologies*, 38: 1126-1130
- Sweetman, S.C., 2009, Martindale The Complete Drug Reference, 36th Ed., London: Pharmaceutical Press, Electronic Version
- TB Care I Organizations, 2014, International Standards For Tuberculosis Care, 3th Ed., San Fransisco: TB Care I
- Tham, L. Y., Tan, L. T., & Nowak, S. A., 2013, Development of Direct Serial Coupling of Hydrophilic Interaction Liquid Chromatography and Reversed-Phase Columns for The Simultaneous Analysis of Anti-

Tuberculosis Drugs, *Journal of Liquid Chromatography & Related Technologies*, 36: 12-23

- Toyo'oka, T., 1999, *Modern Derivatization Methods for Separation Sciences*, England: John Wiley and Sons Ltd.
- United States Pharmacopeial Convention, 2013, *The United States Pharmacopeia*, 36th Ed., Rockville: United Book Press, Inc.
- Wang, H., Cai, C., Chu, C., Liu, J., Kong, Y., Zhu, M., et al., 2012, A Simple and Rapid HPLC/UV Method for Simultaneous Quantification of Four Constituents in Anti-Tuberculosis 4-FDC Tablets by Pre-Column Derivatization, *Asian Journal of Pharmaceutical Sciences*, 7(4): 303-309
- Watson, D.G., 2012, *Pharmaceutical Analysis*, 3th Ed., London: Elsevier Ltd.
- World Health Organization, 1999, *Fixed-Dose Combination Tablets For The Treatment Of Tuberculosis*, Geneva: World Health Organization Communicable Diseases Cluster
- World Health Organization, 2006, *Rifampicin, Isoniazid, Pyrazinamide and Ethambutol Hydrochloride Tablets, Final Text for Addition to the International Pharmacopoeia*, Geneva: World Health Organization Communicable
- World Health Organization, 2015, *Global Tuberculosis Report*, Geneva: World Health Organization Press
- Yan, M., Guo, T., Song, H., Zhao, Q., & Sui, Y., 2007, Determination of ethambutol hydrochloride in the combination tablets by pre-column derivatization, *Journal of Chromatographic Science*, May, Vol. 45
- Zhou, Z., Wu, X., Wei, Q., & Liu, Y., 2013, Development and validation of a hydrophilic interaction liquid chromatography-tandem mass spectrometry method for the simultaneous determination of five first-line antituberculosis drugs in plasma, *Anal Bioanal Chem*, 405: 6323-6335