

DAFTAR PUSTAKA

1. The F, Permana D, Dika S. Peningkatan Kesehatan Pesisir pada Pra Lansia dan Lansia melalui Penyuluhan Hipertensi dan Pemeriksaan di PSRS Himo-Himo Ternate. *Jurnal Kreativitas Pengabdian Kepada Masyarakat (PKM)*. 2023 Aug 4;6(9):3564–75.
2. Suhadi R, Suhadi R. Seluk Beluk Hipertensi Peningkatan Kompetensi Klinis untuk Pelayanan Kefarmasian. 2021. 5–6 p.
3. Imenshahidi M, Roohbakhsh A, Hosseinzadeh H. Effects of Telmisartan on Metabolic Syndrome Components: A Comprehensive Review. *Biomedicine & Pharmacotherapy. Biomedicine & Pharmacotherapy*. 2024 Feb;171:116169.
4. Kumari K, Toppo M, Majhi L, Kumar A. Blood Pressure-Lowering Effect of Telmisartan Compared to Losartan Among Mild to Moderate Essential Hypertensive Adult Subjects: A Meta-Analysis. *J Family Med Prim Care*. 2022;11(10):6227.
5. Badan Pengawas Obat dan Makanan. Peraturan Badan Pengawas Obat dan Makanan Nomor 11 Tahun 2022 Tentang Tata Laksana Uji Bioekivalensi. 2022.
6. Departemen Kesehatan RI. Pedoman Pemantauan Terapi Obat. Jakarta: Direktorat Bina Farmasi Komunitas Dan Klinik Ditjen Bina Kefarmasian Dan Alat Kesehatan Departemen Kesehatan RI; 2009.
7. Li P, Wang Y, Wang Y, Tang Y, Fawcett J, Cui Y, et al. Determination of Telmisartan in Human Plasma by Liquid Chromatography–Tandem Mass Spectrometry. *Journal of Chromatography B*. 2005 Dec 15;828(1–2):126–9.
8. Ashok P, Narenderan ST, Meyyanathan SN, Babu B, Vadivelan R. Development and Validation of A Rp-Hplc Method for Estimation of Telmisartan in Human Plasma. *International Journal of Applied Pharmaceutics*. 2019 Jan 9;11(1):237.
9. Majors R (Agilent). Sample Preparation Fundametal for Chormatography. Canada: Agil Technol Mississaug; 2013.

10. Min KL, Ryu JY, Chang MJ. Development and Clinical Applications of the Dried Blood Spot Method for Therapeutic Drug Monitoring of Anti-Epileptic Drugs. *Basic Clin Pharmacol Toxicol*. 2019 Sep 4;125(3):215–36.
11. Wen D, Yang Y, Xiang P, Yu F, Zheng F, Liu T, et al. A Novel Approach for Determination of Paraquat Based on Dried Blood Spot (DBS) Extraction and UHPLC-HRMS Analysis. *J Pharm Biomed Anal*. 2018 Sep;159:11–7.
12. Seger C. Usage and Limitations of Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) in Clinical Routine Laboratories. *Wiener Medizinische Wochenschrift*. 2012 Nov 6;162(21–22):499–504.
13. Susanti M, Dachriyanusus. Kromatografi Cair Kinerja Tinggi. Padang: Lembaga Pengembangan Teknologi Informasi dan Komunikasi (LPTIK) Universitas Andalas; 2014.
14. Kurnia A. Self-Management Hipertensi. 2021. 1978 p.
15. Manuntung A. Terapi Perilaku Kognitif Pada Pasien Hipertensi. 2019.
16. Bakheit AHH, Abd-Elgalil AA, Mustafa B, Haque A, Wani TA. Telmisartan. In 2015. p. 371–429.
17. Vetter VL. *Pediatric Cardiology*. 2006. 237–275 p.
18. Kemenkes. Farmakope Indonesia Edisi VI. Jakarta: Kemenkes RI; 2020.
19. Ravi VB, Inamadugu JK, Pilli NR, Sreenivasulu V, Ponneri V. Simultaneous Determination of Telmisartan And Amlodipine in Human Plasma by LC-MS/MS and Its Application in A Human Pharmacokinetic Study. *J Pharm Anal*. 2012 Oct;2(5):319–26.
20. Shen J, Jiao Z, Li ZD, Shi XJ, Zhong MK. HPLC Determination of Telmisartan in Human Plasma and Its Application to A Pharmacokinetic Study. *Pharmazie*. 2005 Jun;60(6):418–20.
21. Palakurthi AK, Dongala T, Yadlapalli SSR. Estimation of Ramipril and Telmisartan in Human Plasma by LC-MS/MS: Application in Pharmacokinetic Study. *Sep Sci Plus*. 2020 Jun 3;3(6):191–9.
22. Rohman A. Analisis Farmasi dengan Kromatografi Cair. Yogyakarta: Gadjah Mada University Press; 2019.

23. Rohman A, Sugeng Riyanto. Analisis Autentikasi Makanan Minyak dan Lemak. Yogyakarta: Gadjah Mada University Press; 2019.
24. Rochman A. Validasi Penjaminan Mutu Metode Analisis Kimia. Yogyakarta: UGM PRESS; 2018.
25. Gustavo González A, Ángeles Herrador M. A Practical Guide to Analytical Method Validation, Including Measurement Uncertainty and Accuracy Profiles. *TrAC - Trends in Analytical Chemistry*. 2007 Mar;26(3):227–38.
26. Hadi A. Persyaratan Umum Kompetensi Laboratorium Pengujian & Laboratorium. Jakarta: Gramedia Pustaka Utama; 2018.
27. Sunarya. Manajemen Pengelolaan Laboratorium. Yogyakarta: UGM PRESS; 2021.
28. Riyanto. Validasi & Verifikasi Metode Uji: Sesuai Dengan Iso/Iec17025 Laboratorium Pengujian Dan Kalibrasi. Sleman: Penerbit Deepublish; 2016.
29. EMEA. Guidline on Bioanalytical Method Validation. 2011. 1–21 p.
30. Wal P, kumar B, Bhandari A, Rai AK, wal A. Bioanalytical Method Development-Determination of Drugs in Biological Fluids. *Journal of Pharmaceutical Science and Technology*. 2010;2(10).
31. Hansen SH. Bioanalysis of Pharmaceuticals. Denmark: WILEY; 2015.
32. Tan A, Boudreau N, Lévesque A. Internal Standards for Quantitative LC-MS Bioanalysis. In: LC-MS in Drug Bioanalysis. Boston, MA: Springer US; 2012. p. 1–32.
33. Swasthikawati S. Metode Dried Blood Spot (DBS) sebagai Solusi Sampling Darah Daerah Terpencil. *Bio Trends*. 2019;10(1).
34. Gupta K, Mahajan R. Applications and diagnostic potential of dried blood spots. *Int J Appl Basic Med Res*. 2018;8(1):1.
35. Eldridge H, Simon Lewis, Kevin Lothridge, Paul Reedy, Lauren Wilson. Encyclopedia of Forensic Sciences. 3rd ed. Elsevier; 2023.

36. McClendon-Weary B, Putnick DL, Robinson S, Yeung E. Little to Give, Much to Gain—What Can You Do With a Dried Blood Spot? *Curr Environ Health Rep.* 2020 Sep;7(3):211–21.
37. Febriana J. Optimasi dan Validasi Metode Analisis Rubrasanton dalam Darah Menggunakan KCKT dengan Preparasi Sampel Secara Dried Blood Spot (DBS) [skripsi]. Padang: Fakultas Farmasi Universitas Andalas; 2023.
38. Arziyah D, Yusmita L, Wijayanti R. Analisis Mutu Organoleptik Sirup Kayu Manis Dengan Modifikasi Perbandingan Konsentrasi Gula Aren Dan Gula Pasir. *Jurnal Penelitian Dan Pengkajian Ilmiah Eksakta.* 2022 Jul 31;1(2):105–9.
39. Dachriyanus. Analisis Struktur Senyawa Organik Secara Spektroskopi. Padang: LPTIK Universitas Andalas; 2004.
40. Skoog D, Holler T, Nieman F. *Principles of Instrumental Analysis.* 5th ed. Philadelphia: Harcourt Brace; 1998.
41. Swati S. Formulation and Evaluation of Immediate Release Telmisartan Tablets using Hydrophilic Polymers. *Asian J Pharm.* 2017;11(1):37–47.
42. Utami D, Nugrahani I, Ibrahim S. Formation and Characterization of Mefenamic acid-Nicotinamide Cocrystal during Co-milling Based on X-ray Powder Diffraction Analysis. *J Appl Pharm Sci.* 2016;075–81.
43. Nugraha F, Kurniawan H, Yastiara I. Penetapan Kadar Paracetamol dalam Jamu di Kota Pontianak Menggunakan Instrumen Spektrofotometri UV-Vis. *Indonesian Journal of Pharmaceutical Education.* 2023 Feb 23;3(1).
44. Chavhan V, Lawande R, Salunke J, Ghante M, Jagtap S. UV Spectrophotometric Method Development and Validation for Telmisartan in Bulk and Tablet Dosage Form . *Asian Journal of Pharmaceutical and Clinical Research.* 2013;6(4).
45. Ali KA, Maity A, Roy SD, Das Pramanik S, Pratim Das P, Shaharyar MdA. Insight into the mechanism of steroidal and non-steroidal anti-inflammatory drugs. In: *How Synthetic Drugs Work.* Elsevier; 2023. p. 61–94.
46. Desai AM, Andreae M, Mullen DG, Banaszak Holl MM, Baker JJR. Acetonitrile shortage: Use of Isopropanol As an Alternative Elution System

- for Ultra/hHgh Performance Liquid Chromatography. *Anal Methods*. 2011;3(1):56–8.
47. CHAPEL S, Rouvière F, Peppermans V, Desmet G, Heinisch S. A Comprehensive Study on The Phenomenon of Total Breakthrough in Liquid Chromatography. *J Chromatogr A*. 2021 Sep;1653:462399.
 48. Kim HM, Park JH, Long NP, Kim DD, Kwon SW. Simultaneous Determination of Cardiovascular Drugs in Dried Blood Spot by Liquid Chromatography-Tandem Mass Spectrometry. *J Food Drug Anal*. 2019 Oct;27(4):906–14.
 49. Spooner N, Olatunji A, Webbley K. Investigation of the effect of blood hematocrit and lipid content on the blood volume deposited by a disposable dried blood spot collection device. *J Pharm Biomed Anal*. 2018 Feb;149:419–24.
 50. Zhang J, Majumdar TK, Flarakos J, Tse FLS. Best Practices in LC-MS Method Development and Validation for Dried Blood Spots. In: *Handbook of LC-MS Bioanalysis*. Wiley; 2013. p. 379–89.
 51. Wong P, James CA. Punching and Extraction Techniques for Dried Blood Spot Sample Analysis. In: *Dried Blood Spots*. Wiley; 2014. p. 160–7.
 52. Déglon J, Versace F, Lauer E, Widmer C, Mangin P, Thomas A, et al. Rapid Lc-MS/MS Quantification of The Major Benzodiazepines And Their Metabolites on Dried Blood Spots Using A Simple And Cost-Effective Sample Pretreatment. *Bioanalysis*. 2012 Jun 21;4(11):1337–50.
 53. Harahap Y, Irawan H, Kuswardani. Development and Validation of Analytical Method of 3, 4-Methylenedioxo-N-Ethylamphetamine in Dried Blood Spot Using Gas Chromatography-Mass Spec-Trometry. *International Journal of Applied Pharmaceutics*. 2020 Apr 26;94–9.