

DAFTAR PUSTAKA

1. Kemenkes RI. Hipertensi Si Pembunuh Senyap. Kementerian Kesehatan RI. 2019;1–5.
2. British Pharmacopoeia. London: Stationery Office. 2008;1(570-571):2555-6.
3. United States Pharmacopeia XXX. The National Formulary 25, The United States Pharmacopeial Convention, 12601 Twinbrook Parkway Rockville, MD 20852 2007;1798-1800.
4. Tawakkol, M. S., Jado, A. I., and Aboul-Enein HY. Colorimetric determination of clonidine. *Arzneim-Forsch.* 1981;31(2):1064–6.
5. Guseva, L. N. and Sivitskaya OK. Determination of clopheline[clonidine hydrochloride] in eye-drops prepared in the drug-store. *Farmatsiya.* 1988;(37):75–6.
6. El-Yazbi, F. A., Bedair, M. M., and Korany MA. Spectrophotometric and fluorimetric determination of clonidine hydrochloride. *Analyst.* 1986;(111):477–8. Available from: <https://doi.org/10.1039/an9861100477>.
7. Zivanov-Stakic, D., Panic, L., and Agbaba G. Spectrophotometric determination of clonidine in dosage forms using bromocresol green. *LFarmaco.* 1990;(45): 381–3.
8. Sastry, C. S. P., Sailaja, A., Rao, TT., and Krishna DM. Extractive spectrophotometric determination of some antihypertensive agents with supracen violet 3B. *Indian Drugs.* 1992;(29):473-7.
9. Liu, W. Z., and Chen, H. Determination of clonidine in its preparations by solvent extraction flow-injection analysis. *Yaowu-Fenxi-Zazhi,* 1992;(2):135-8.
10. Sastry, C. S. P., Ilaja, A. S., and Rao, TT. Micro determination of clonidine hydrochloride in tablets. *J. Inst. Chem.* 1992;(64):154.

11. Wilczynska-Wojtulewicz, I. and Sadlej-Sosnowska, N. Determination of clonidine hydrochloride in pharmaceutical preparations by high-performance liquid chromatography. *J. Chromatogr.* 1986;(367):434-7. Available from: [https://doi.org/10.1016/S0021-9673\(00\)94866-0](https://doi.org/10.1016/S0021-9673(00)94866-0)
12. Walters, S. M., and Stonys, D. B. Determination of chlorthalidone and clonidine hydrochloride in tablets by hplc. *J. Chromatogr. Sci.* 1983;(21):43-5. Available from: <https://doi.org/10.1093/chromsci/21.1.43>
13. Sheng-Rain SU and Yun-Qiu YU. Simultaneous determination of clonidine hydrochloride hydrochlorothiazide as rutin in Zhenju tablet by capillary electrophoresis. *J. Chin. Pharm. Sci.* 2005;(14):173-5.
14. Ganjali MR, Karimi A, Shahtaheri SJ and Norouzi P. Determination of clonidine by potentiometry using PVC membrane electrode. *Int. J. Electrochem. Sci.* 2013;(8):1999-2008.
15. Sell E, Chmielewska A and Konieczna L. Spectrophotometric titration of the mixtures containing antihypertensive agents in non-aqueous differentiating solvents. *Chem. Anal.* 2000;(45):249-55.
16. Haggag RS, Belal SF and Abdel-Aziz Shaalan R. Selective stability-indicating methods for the determination of clonidine hydrochloride and/or its related substance, 2, 6-dichloroaniline. *J. Food Drug Anal.* 2011;(19):174-82. Available from: <https://doi.org/10.38212/2224-6614.2262>
17. Kemenkes RI. *Farmakope Indonesia edisi VI*. Jakarta: Direktorat Jendral Bina Kefarmasian dan Alat Kesehatan Republik Indonesia; 2020
18. Moffat AC, Osselton MD, Widdop B. *Clarke's Analysis of Drugs and Poisons* 4th Ed. London: Pharmaceutical Press; 2011.
19. Khan HN, Asha C, Swarali M, Zameeruddin M, Bharkad VB. Development and Validation of Area under curve Method for the Estimation of Clonidine HCl in Bulk and Pharmaceutical dosage form. *Anal.* 2018;2(1):1. Available from: <https://doi.org/10.5958/0974-4150.2018.00009.3>

20. Corciova A. Validated colorimetric assay of clonidine hydrochloride from pharmaceutical preparations. *Iran J Pharm Res.* 2016;15(1):149–56.
21. Reddy Pailla N, Kuthati B. Spectrophotometric Determination of Drugs and Pharmaceuticals By Using Folin-Ciocalteu Reagent. *Int J Res Anal Rev* www.ijrar.org [Internet]. 2020;7(1):802–10. Available from: <https://doi.org/10.20902/IJCTR.2019.130318>
22. Kamepalli S, D Gowri S, Konda A, O.Bala S. Simultaneous Estimation of Clonidine and Hydrochlorothiazide by Reverse Phase HPLC in Bulk and Pharmaceutical Dosage Form. *International Journal of Chemical and Analytical Science.* 2012;3(7):1478-80.
23. Hajera N. Khan et al. Development and Validation of RP-HPLC Method for Simultaneous Estimation of Clonidine HCl and Chlorthalidone in Bulk Form. 2017;10(4).
24. Teli MS, Shukla S, Sawant SS. SIMULTANEOUS ANALYSIS OF CLONIDINE HCL AND HYDROCHLORTHIAZIDE IN BULK AND IN TABLETS BY HPTLC WITH UV ABSORBPTION . 2016;5(03):975–82.
25. Sukandar EY, Andrajati R, Sigit JI, Adnyana IK, Setiadi AAP, Kusnandar. Iso Farmakoterapi. Jakarta: PT ISFI Penerbitan; 2008.
26. Sweetman, S. C., Blake, P. S. and Parsons A V, Martindale, The Complete Drug Reference. 35th ed. London: The Pharmaceutical Press; 2007. 1119–1123 p.
27. Therapeutic Goods Administration (TGA). APO-Clonidine. Product Informatin [Internet]. 2016. Available from: <https://www.ebs.tga.gov.au/ebs/picmi/picmirepository.nsf/pdf>
28. Food and Drug Adminstration (FDA). Catapres 2021 17 April 2021. Available from: https://www.accessdata.fda.gov/drug_satfda_docs/2009/017407s0341bl.pdf

29. American Society of Health-System Pharmacists. AHFS Drug Information® Essentials. Bethesda: American Society of Health-System Pharmacists®; 2011.
30. Osterhoudt KC. Clonidine and related imidazoline poisoning. UpToDate [Internet]. 2019. Available from: <https://www.uptodate.com/contents/clonidine-and-related-imidazoline-poisoning/point>.
31. Isbiter GK, Heppell SP, Page CB, Ryan NM. Adult clonidine overdose: prolonged bradycardia and central nervous system depression, but not severe toxicity. *Clinical Toxicology*. 2017;55(3):187-92. Available from: <https://doi.org/10.1080/15563650.2016.1277234>
32. Hardjono Sastrohamidjojo. Spektroskopi. Edisi Ketiga. Yogyakarta: Liberty; 2007.
33. Nazar M dan MH. Spektroskopi Molekul [Internet]. Aceh: Syiah Kuala University Press Darussalam; 2018. Available from: https://www.google.co.id/books/edition/Spektroskopi_Molekul/Kga8DwAAQBAJ?hl=id&gbpv=1&dq=Prinsip+Spektrofotometer+UV-Vis&printsec=frontcover
34. Dachriyanus. Analisis Struktur Senyawa Organik Secara Spektroskopi. Padang: Lembaga Pengembangan Teknologi Informasi dan Komunikasi (LPTIK) Universitas Andalas; 2004.
35. Abdul Rohman. Kimia Farmasi Analisis. Yogyakarta: Pustaka Pelajar; 2007.
36. Dileep D. Spectrophotometry and Spectrometry - Concept and Applications. *Ijariie-Issn(O)*. 2017;2(4):2395–4396.
37. Suhartati T. Dasar-Dasar Spektrofotometri UV-Vis Dan Spektrometri Massa Untuk Penentuan Senyawa Organik. Bandar Lampung: Aura; 2017.
38. APRILIAN R. Validasi Metode Spektrofotometri Ultraviolet Untuk Analisis Zinc Bacitracin. Universitas Andalas; 2020.

39. Chauhan, V. C., Patel, D. D., Rana, M. J., dan Shah MA. A review different UV spectrophotometric method for determination of quinolone derivatives. *J Pharm Sci Biosci Res.* 2015;5(6):521–9.
40. Kasture V, Patil P, Pawar S, Gudaghe V. Geometrical Correction Method for Estimation of Hydrochlorothiazide and Clonidine Hydrochloride from Biological Sample. *Indo American J of Pharma.* 2013;3(9):1592-600.
41. Fifield, F. W., & Kealey, D. *Principles and Practice of Analytical Chemistry.* London : University of Kingston; 2000.
42. Chang, Raymond. *Kimia Dasar Konsep-Konsep Inti Edisi Ketiga Jilid 1.* Jakarta: Erlangga; 2004.
43. Harmita. Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya. *Majalah Ilmu Kefarmasian.* 2004;1(3):117-135.
44. Rakker, E., Pretsch, E, and Buhlmann, P. Selectivity of Potentiometric Ion Sensors. *Anal Chem.* 2000. 1127-1133 p. Available from: <https://doi.org/10.1021/ac991146n>
45. Ganjali MR, Karimi S, Shahtaheri SJ, Norouzi P. Determination of clonidine by potentiometry using PVC membrane electrode. *Int J Electrochem Sci.* 2013;8(2):1999–2008.
46. AlRabiah H, Al-Majed A, Abounassif M, Mostafa GAE. Two novel potentiometric sensors for determination of clonidine in some pharmaceutical formulation. *Int J Electrochem Sci.* 2016;11(8):6761–74.
47. Anastasia Y. Teknik Analisis Residu Golongan Tetrasiklin Dalam Daging Ayam Secara Kromatografi Cair Kinerja Tinggi. 2011;16(2):68–73.
48. Jesus L-S, Isabel B-L, Agnes AS-K, Antonio S-C. *Chromatographic Technique : High-Performance Liquid Chromatography (HPLC).* 2018. 459–26 p.
49. S.Suzanne N. *Food Analysis.* third edit. West Lafayette, Indian: Purdue University; 2003

50. Sorrieul J, Robert J, Gibory V, Collet M, Boutet M, Kieffer H, et al. Validated chromatographic method for the simultaneous determination of eight drugs (morphine, ropivacaine, bupivacaine, baclofen, clonidine, sufentanil, fentanyl and ziconotide) for intrathecal analgesia. *Ann Pharm Fr* [Internet]. 2018;76(3):201–9. Available from: <https://doi.org/10.1016/j.pharma.2018.01.006>
51. Merino-Bohórquez V, Delgado-Valverde M, García-Palomo M, Dávila-Pousa MC, Cañete C, Villaronga M, et al. Physicochemical and microbiological stability of two new oral liquid formulations of clonidine hydrochloride for pediatric patients. *Pharm Dev Technol* [Internet]. 2019;24(4):465–78. Available from: <https://doi.org/10.1080/10837450.2018.1514520>
52. Bassani AS, Banov D. Evaluation of the percutaneous absorption of ketamine HCL, gabapentin, clonidine HCL, and baclofen, in compounded transdermal pain formulations, using the Franz finite dose model. *Pain Med (United States)*. 2016;17(2):1–9.
53. Wang Q, Yin CR, Xu L. Optimization of hydrophilic interaction LC by univariate and multivariate methods and its combination with salting-out liquid-liquid extraction for the determination of antihypertensive drugs in the environmental waters. *J Sep Sci*. 2013;36(6):1007–14.
54. Rohan S, Panchal, Divya Thakkar MBP. Development and Validation of Analytical Methods for Simultaneous Estimation of Clonidine HCl and Chlorthalidone in Their Combined Dosage Forms. *Indian Drugs*. 2015;52(9):60–4.
55. Lu YL, Zhou NL, Liao SY, Su N, He DX, Tian QQ, Chen B, Yao SZ. Detection of adulteration of anti-hypertension dietary supplements and traditional Chinese medicines with synthetic drugs using LC/MS. *Food Additives and Contaminants*. 2010;27(7):893-902. Available from: <https://doi.org/10.1080/19440040903426710>
56. De Goede AL, Boedhram RR, Eckhardt M, Hanff LM, Koch BCP, Vermaat CH, et al. Development and validation of a paediatric oral formulation of

- clonidine hydrochloride. *Int J Pharm* [Internet]. 2012;433(1–2):119–20. Available from: <http://dx.doi.org/10.1016/j.ijpharm.2012.04.055>
57. de Faria HD, Bueno CT, Krieger JE, Krieger EM, Pereira AC, Santos PCJL, et al. Online extraction of antihypertensive drugs and their metabolites from untreated human serum samples using restricted access carbon nanotubes in a column switching liquid chromatography system. *J Chromatogr A* [Internet]. 2017;1528:41–52. Available from: <http://dx.doi.org/10.1016/j.chroma.2017.10.072>
58. Mamina O, Kabachny V. Identification and quantitative determination of clonidine by HPLC method. *ScienceRise: Pharmaceutical Science*. 2020;5(27):30-6. Available from: <https://doi.org/10.15587/2519-4852.2020.215101>
59. Capra P, Marrubini G, Musitelli G, Pavanetto F, Perugini P. Development and Application of an Analytical Method for the Determination of Morphine and Clonidine in Vaginal Pessaries. *Int J of Pharm Anal*. 2014;1(39):2051-2740.
60. Kumar MM, Savakula S, Pilli NR, Sai S, Reddy S, Reedy R. Bioequivalence and Pharmacokinetic Comparison Between Clonidine Hydrochloride Tablets 0.3Mg: an Open Label, Balanced, Randomized-Sequence, Single-Dose, Two-Period Crossover Study in Healthy Male Volunteers. *Int J Pharm Drug Anal* [Internet]. 2015;3(9):264–9. Available from: <http://ijpda.com>
61. Potier A, Voyat J, Nicolas A. Stability study of a clonidine oral solution in a novel vehicle designed for pediatric patients. *Pharm Dev Technol* [Internet]. 2018;23(10):1067–76. Available from: <https://doi.org/10.1080/10837450.2017.1389955>.
62. Sonia K, Beddi B.S, Dr.K.S.Lakshmi. HPTLC Method Development and Validation: An Overview. ISSN: 0975-1459. *J Pharm Sci and Res*. 2017;9(5):652-657.

63. Vikram. K, Priya. K, Akash. M, Review Article High Performance Thin Layer Chromatography (HPTLC): A Review. ISSN-2231-5012. Int J of Analytical and Bioanal Chem. 2014;4(2):42-44.
64. Depkes RI. Peraturan Pemerintah No.51 Tahun 2009 Tentang Pekerjaan Kefarmasian. Departemen Kesehatan RI. Jakarta: Depkes RI; 2009.
65. Ansel, H. C. Pengantar Bentuk Sediaan Farmasi. diterjemahkan oleh Ibrahim, F., Edisi IV. Jakarta: UI Press; 2005. 605-619 p.
66. Kemenkes RI. Farmakope Indonesia edisi V. Jakarta: Kementerian Kesehatan Republik Indonesia; 2014.
67. S Sapri, D Setiawan, R Khairunnisa. Journal of Tropical Pharmacy and Chemistry. 2012;2(1):47-61. Available from: <https://doi.org/10.25026/jtpc.v2i1.48>
68. Syamsuni. Ilmu Resep. Jakarta: Kedokteran EGC; 2007.
69. Ansel, H.C., Popovich, N.G., Allen, L.V. Pharmaceutical Dosage Form and Drug delivery System Ninth Edition. London, New York. 2011. 225-235 p.
70. Andriana, R. C., Mufrod, M. and Chabib, L. Formulasi Tablet Hisap Ekstrak Kulit Buah Manggis (*Garcinia Mangostana* L.) Sebagai Antioksidan Dengan Variasi Konsentrasi Gelatin Sebagai Bahan Pengikat. Khazanah: 2014;6(2):47-54. Available from: <https://doi.org/10.20885/khazanah.vol6.iss2.art5>
71. Suparman, A. Karakterisasi Dan Formulasi Cangkang Kapsul Dari Tepung Pektin Kulit Buah Cokelat (*Theobroma cacao* L). Jurnal Ilmiah Farmasi Farmasyifa. 2019;2(2):77-83. Available from: <https://doi.org/10.29313/jiff.v2i2.4646>
72. Lachman L., Herbert, A. L. & Joseph, L. K., Teori dan Praktek Industri Farmasi Edisi III, 1119-1120, Jakarta: Universitas Indonesia; 2008.
73. Departemen Kesehatan RI. Farmakope Indonesia Edisi III. Jakarta: Kementerian Kesehatan Republik Indonesia; 1979.

74. Voight, R. Buku Pengantar Teknologi Farmasi, diterjemahkan oleh Soedani, N. Edisi V. Yogyakarta: Universitas Gajah Mada Press; 1994. 572-574 p.
75. Joenoes, N.Z. Ars Prescribendi (Resep Yang Rasional). Surabaya: Airlangga University Press; 1990. 25-142 p.
76. Ansel, H.C. Pengantar Bentuk Sediaan Farmasi. Jakarta: UI Press; 1989. 298-299 p.

