

DAFTAR PUSTAKA

1. Committee JF, editor. BNF 76 September 2018-March 2019. 76th ed. London: Pharmaceutical Press; 2018.
2. Sweetman SC. Martindale The Complete Drug Reference. 36th ed. London: Pharmaceutical Press; 2009.
3. Departemen Kesehatan Republik Indonesia. Farmakope Indonesia Edisi VI. Jakarta: Kementerian Kesehatan RI; 2020.
4. Ahire SB, Bankar VH, Gayakwad PD, Pawar SP. A review : taste masking techniques in pharmaceuticals. *Int J Pharm Sci.* 2012;3(3):68–82.
5. Aliasgar SF, AlAteibi NA. Taste masking approaches for unpleasant taste drugs. *Open Access J.* 2019;2(1):1–3.
6. Mursiany A, Ermawati N, Oktaviani N. Gambaran penggunaan obat dan kepatuhan mengkonsumsi obat pada penyakit hipertensi di instalasi rawat jalan RSUD kraton kabupaten pekalongan tahun 2013. 2013;237–48.
7. Sari OM. Studi Penggunaan Obat Golongan Beta-Blocker Pada Pasien Rawat Inap Rumah Sakit Ansari Saleh Banjarmasin. *J Farm Udayana.* 2020;9(2):123.
8. Wibowo R, Soedibyo S. Kepatuhan Berobat dengan Antibiotik Jangka Pendek di Poliklinik Umum Departemen Ilmu Kesehatan Anak Rumah Sakit Dr. Cipto Mangunkusumo, Jakarta. *Sari Pediatr.* 2016;10(3):171.
9. Nayak BS, Sharma DK, Ellaiah P, Sahoo S. Taste masking techniques: an updated review. *Indian J Nov Drug Deliv.* 2012;4(3):202–9.
10. Assofiyah NH. Skripsi Sarjana Farmasi : Studi Pendahuluan Formulasi Sediaan Orally Dissolving Film (ODF) Propranolol HCl Menggunakan Plastisizer Golongan Poliol. Padang; 2020.
11. Agnihotri N, Mishra R, Goda C, Arora M. Microencapsulation-a novel approach in drug delivery: a review. *Indo Glob J Pharm Sci.* 2012;2(1):1–20.
12. Rihhadatulaisy S, Sriwidodo S, Putriana NA. Stabilisasi liposom dalam sistem penghantaran obat. *Maj Farmasetika.* 2020;5(5):257.
13. Patel G, Misra A. Oral Delivery of Proteins and Peptides: Concepts and Applications. In: *Challenges in Delivery of Therapeutic Genomics and Proteomics.* First Edit. Elsevier Inc.; 2011. p. 481–529.
14. Felton LA. Use of polymers for taste-masking pediatric drug products. Vol. 44, *Drug Development and Industrial Pharmacy.* Taylor & Francis; 2018. p. 1049–55.
15. Rowe RC, Sheskey PJ, Quinn ME. *Handbook of Pharmaceutical Excipients.* 6th ed. London: Pharmaceutical Press; 2009.
16. Singh M, Dua JS, Menra M, Soni M, D.N. Prasad. Microencapsulation and its various aspects: a review. *Int J Adv Res.* 2016;4(6):2094–108.
17. Sagar T, Amol G, Rahul D, Prashant P, Yogesh H. Review on: taste masking approaches and evaluation of taste masking. *Int J Pharm Sci.* 2012;4(2):1895–907.
18. Momin M, Ratjod S, Kar S. Taste masking techniques for bitter drugs-an overview. *Int J Pharmacy&Technology.* 2012;4(2):2100–18.

19. Sajal JK, Uday SRU, Surendra V. Taste masking in pharmaceutical : an update. *J Pharm Res.* 2008;1(2):126–9.
20. Chauhan R. Taste masking : a unique approach for bitter drugs. *J Stem Cell Biol Transplant.* 2017;1(2:12):1–6.
21. Lieberman HA, Lachman L, Schwartz JB. *Pharmaceutical Dosage Forms : Tablets.* New York: Marcel Dekker; 1990.
22. Garg A, Chhipa K, Kumar L. Microencapsulation techniques in pharmaceutical formulation. *Eur J Pharm Med Res.* 2018;5(3):199–206.
23. Jyothi NVN, Prasanna PM, Sakarkar SN, Prabha KS, Ramaiah PS, Srawan GY. Microencapsulation techniques, factors influencing encapsulation efficiency. *J Microencapsul.* 2010;27(3):187–97.
24. Li M, Rouaud O, Poncelet D. Microencapsulation by solvent evaporation: state of the art for process engineering approaches. *Int J Pharm.* 2008;363(1–2):26–39.
25. Mirabedini SM, Dutil I, Farnood RR. Preparation and characterization of ethyl cellulose-based core-shell microcapsules containing plant oils. *Colloids Surfaces A Physicochem Eng Asp.* 2012;394:74–84.
26. Balfas A, Irmansyah I, Nikmatin S, Sukarto A. Pengaruh milling terhadap karakteristik nanopartikel biomassa rotan. *J Keteknikan Pertan.* 2016;4(1):81–6.
27. Pandya H V. Formulation and evaluation of microcapsules of trihexyphenidyle hydrochloride by solvent evaporation method. *Int J Pharm Sci Res.* 2012;3(02):539–44.
28. Kannan M. Scanning electron microscopy : principle, components and applications. In: *A Textbook on Fundamentals and Applications Of Nanotechnology.* New Delhi: Daya Publishing House; 2018.
29. Lin Y, Zhu C, Alva G, Fang G. Microencapsulation and thermal properties of myristic acid with ethyl cellulose shell for thermal energy storage. *Appl Energy.* 2018;231(September):494–501.
30. Mohamed MA, Jaafar J, Ismail AF, Othman MHD, Rahman MA. Fourier Transform Infrared (FTIR) Spectroscopy. *Membrane Characterization.* Elsevier B.V.; 2017. 3–29 p.
31. Bal T, Sengupta S, Murthy PN. Formulation and evaluation of carvedilol microcapsules using eudragit NE30D and sodium alginate. *Brazilian J Pharm Sci.* 2013;49(4):889–901.
32. Ardhy S, Gunawarman, Affi J. Perilaku Korosi Titanium dalam Larutan Modifikasi Saliva Buatan untuk Aplikasi Ortodontik. *Mekanikal.* 2015;6(2):585–93.
33. Rahayu YC, Kurniawati A. *Cairan Rongga Mulut.* Yogyakarta: Pustaka Panasea; 2018.
34. Ahmad M, Ashraf B, Gani A, Gani A. Microencapsulation of Saffron Anthocyanins using β glucan and β cyclodextrin: Nutraceutical, Morphological, Structural and the release behaviour of capsules during in-vitro digestion. *Int J Biol Macromol.* 2018;109:435–42.
35. Khan MG. Beta-blockers. In: *Encyclopedia of Heart Diseases.* Academic Press; 2006. p. 159–67.
36. Oliver E, Mayor F, D'Ocon P. Beta-blockers: historical perspective and mechanisms of action. *Rev Esp Cardiol.* 2019;72(10):853–62.

37. Čižmáriková R, Habala L, Valentová J, Markuliak M. Survey of pharmacological activity and pharmacokinetics of selected β -adrenergic blockers in regard to their stereochemistry. *Appl Sci*. 2019;9(4).
38. Khatib R, Wilson F. Pharmacology of Medications Used in the Treatment of Atherosclerotic Cardiovascular Disease. *Encyclopedia of Cardiovascular Research and Medicine*. Elsevier Inc.; 2018. 68–88 p.
39. Baxter K, editor. *Stockley's Drug Interactions*. 8th ed. Pharmaceutical Press. London: Pharmaceutical Press; 2008.
40. Aronson JK, editor. *Meyler's Side Effects of Drugs: The International Encyclopedia of Adverse Drug Reactions and Interactions*. 15th ed. Elsevier Science. Oxford: Elsevier Science; 2006.
41. Anderson PO, Knoben JE, Troutman WG. *Handbook of Clinical Drug Data*. 10th ed. USA: McGraw-Hill; 2002.
42. American Society of Health-System Pharmacists. *AHFS Drug Information Essentials*. Bethesda: American Society of Health-System Pharmacists; 2011.
43. Dachriyanus. *Analisis Dstruktur Senyawa Organik Secara Spektroskopi*. Padang: Multimedia LPTIK; 2004.
44. Triyati E. Spektrofotometri ultra-violet dan sinar tampak serta aplikasinya dalam oseanologi. *J Oseana*. 1985;X(1):39–47.
45. Gandjar IG, Rohman A. *Spektroskopi Molekuler Untuk Analisis Farmasi*. Yogyakarta: UGM Press; 2018.
46. Fitriani L, Rahmi U, Ben ES. Formulation of ranitidine HCl microcapsules with ethyl cellulose using a factorial design. *J Sains Farm Klin*. 2014;1(1):101–10.
47. Khamanga SM, Parfitt N, Nyamuzhiwa T, Haidula H, Walker RB. The evaluation of eudragit microcapsules manufactured by solvent evaporation using USP apparatus 1. *Dissolution Technol*. 2009;16(2):15–22.
48. Winingsih W, Ulfa M, Suprijana O. Penggunaan FTIR-ATR ZnSe (fourier transform infra red) untuk penetapan kadar kuersetin dalam teh hitam (*Camellia sinensis* L.). *Indones J Phamaceutical Sci Technol*. 2016;5(1):47–53.
49. Chandra B, Rivai H, Apriansyah E. Pengembangan dan validasi metode analisis ambroxol hidroklorida dalam tablet dengan metode absorbansi dan luas daerah di bawah kurva secara spektrofotometri ultraviolet. *J Farm Higea*. 2017;9(1):1–11.
50. Harika K, Sunitha K, Kumar PP, Maheshwar K, Rao MY. Basic concepts of cellulose polymers- a comprehensive review. *Arch Pharm Pract*. 2012;3(3):202–16.
51. Febriyenti, Ben ES, Prima T. Formulasi mikrokapsul glikuidon menggunakan penyalut etil selulosa dengan metode emulsifikasi penguapan pelarut. *Pros Semin Nas Perkemb Terkini Sains Farm dan Klin III*. 2013;116–21.
52. Kapasiang T, Bukit M, Tarigan J. Penentuan Morfologi Permukaan Dan Sifat Fisis Serta Sifat Mekanik Batu Bata Asal Tanah Merah Kabupaten Kupang Nusa Tenggara Timur. *J Fis Fis Sains dan Apl*. 2018;2(2):92–100.
53. Lachman L, Lieberman HA, Kanig JL. *The Theory and Practice of Industrial Pharmacy*. Bombay: Varghese Publishing House; 1987.

54. Deviarny C, Firmansyah F, Rahmadhani D. Mikroenkapsulasi bromelain kasar dari batang nenas (*Ananas comosus* (L) Merr) dengan penyalut etilselulosa. *Sci J Farm dan Kesehat*. 2016;6(2):127.
55. Julaeha E, Nugeraha R, Nurzaman M, Kurnia D, Wahyudi T, Rosandi Y. Characterization of ethyl cellulose (EC) microcapsules for lime oil encapsulation. *J Phys Conf Ser*. 2018;1080:1–5.
56. Mytara AD, Chronaki K, Nikitakos V, Papaspyrides CD, Beltsios K, Vouyiouka S. Synthesis of polyamide-based microcapsules via interfacial polymerization: Effect of key process parameters. *Materials (Basel)*. 2021;14(19).
57. Mardiyati E. Preparasi dan karakterisasi core/shell mikrokapsul polistiren sebagai biomaterial imobilisasi sel mikroba. *J Sains Mater Indones*. 2007;8(3):209–13.
58. Srinivasaraonaik B, Singh LP, Tyagi I, Rawat A, Sinha S. Microencapsulation of a eutectic PCM using in situ polymerization technique for thermal energy storage. *Int J Energy Res*. 2020;44(5):3854–64.
59. Almiahsari A, Danimayostu AA, Permatasari D. Pengaruh rasio kitosan dan atenolol terhadap diameter ukuran, efisiensi penyerapan dan profil pelepasan pada formula mikrosfer atenolol dengan metode emulsifikasi. *Pharm J Indones*. 2019;4(1):1–9.
60. Sholikhah AM, Cahyaningrum SE. Pengaruh varian konsentrasi tween 80 terhadap enkapsulasi glibenklamid menggunakan alginat-kitosan. *UNESA J Chem*. 2020;9(2):162–9.
61. Lai J, Venkatesh GM, Qian KK. Taste-masked pharmaceutical compositions with gastrosoluble pore-former. *Pat Appl Publ*. 2006;1–5.
62. Alves LCH. Cellulose solutions: Dissolution, regeneration, solution structure and molecular interactions. 2015;1–144.

