

DAFTAR PUSTAKA

1. Prasetyo R, Siagian TH. Determinan Penyakit Berbasis Lingkungan Pada Anak Balita di Indonesia (Determinants of Environmentally Based Diseases Among Children Under Five In Indonesia). *J Kependud Indones*. 2017;12(2):93–104.
2. Mansur AR, Neherta M, Sari IM. Tumbuh Kembang Anak Usia 0-5 Tahun. Vol. 1, *Jurnal Abdimas Kesehatan (JAK)*. 2019. 83 p.
3. Wahyuni, Chan A. Evaluasi Penggunaan Dosis Pada Anak Demam Di Klinik Dina Karya Medan. *J Dunia Farm*. 2017;1(2):62–9.
4. Kanabar DJ. A Clinical and Safety Review of Paracetamol and Ibuprofen in Children. *Inflammopharmacology*. 2017;25(1):1–9.
5. Tan E, Braithwaite I, Mckinlay CJD, Dalziel SR. Comparison of Acetaminophen (Paracetamol) with Ibuprofen for Treatment of Fever or Pain in Children Younger Than 2 Years: A Systematic Review and Meta-analysis. *JAMA Netw Open*. 2020;3(10):1–15.
6. Pharmacist AS of H-S. *Drug Information Essentials*. 2011.
7. Twycross R, Pace V, Mihalyo M, Wilcock A. Acetaminophen (Paracetamol). *J Pain Symptom Manage*. 2013;46(5):747–55.
8. RI D. *Farmakope Indonesia. III*. Jakarta, Indonesia: Departemen Kesehatan Republik Indonesia; 1979.
9. Sharma D, Chopra R, Bedi N. Development and Rvaluation of Paracetamol Taste Masked Orally Disintegrating Tablets Using Polymer Coating Technique. *Int J Pharm Pharm Sci*. 2012;4(SUPPL.3):129–34.
10. Kumar RS, Kiran AS. Taste masking Technologies: A Boon for Oral Administration of Drugs. *J Drug Deliv Ther*. 2019;9(4-A):785–9.
11. Hidayah N. Perbandingan Berbagai Teknik Mikroenkapsulasi Pakan dalam Menghasilkan Daging Sapi Sehat. *Semin Nas dan Gelar Prod*. 2016;(0736):143–51.
12. Singh M, Dua J., Menra M, Soni M, Prasad D. Microencapsulation and Its Various Aspects: A Review. *Int J Adv Res*. 2016;4(6):625–34.
13. Mohammed NK, Tan CP, Manap YA, Muhialdin BJ, Hussin ASM. Spray

- Drying for the Encapsulation of Oils—A Review. *Molecules*. 2020;25 (17):1–16.
14. Allen L V. *Handbook of Pharmaceutical Exipients*. Sixth. Rowe RC, Sheskey PJ, Queen ME, editors. London: Pharmaceutical Press and American Pharmacist Assosiation; 2009.
 15. RI KK. *Farmakope Indonesia*. VI. Kemenkes RI; 2020.
 16. Abdel Shaheed C, Ferreira GE, Dmitritchenko A, McLachlan AJ, Day RO, Saragiotto B, et al. The Efficacy and Safety of Paracetamol For pain Relief: An Overview of Systematic Reviews. *Med J Aust*. 2021;214(7):324–31.
 17. Kusuma F, Sunarsih E, Annisaa E. Pengaruh Pemberian Minyak Jelantah Terhadap Profil Farmakokinetik Parasetamol Pada Tikus Wistar. *J Kedokt Diponegoro*. 2016;5(4):779–90.
 18. Connors KA, Amidon G., Stella V. *Chemical Stability of Pharmaceutical*. John Willey Sons. 1986;(3–26):163–8.
 19. Moffat AC AA, Lian LY A. *Clarke's Analysis of Drugs and Poisons*. 4th ed. London: Pharmaceutical Press; 2011.
 20. RI D. *Farmakope Indonesia*. IV. Jakarta, Indonesia: Departemen Kesehatan Republik Indonesia; 1995.
 21. Freo U, Ruocco C, Valerio A, Scagnol I, Nisoli E. Paracetamol: A Review of Guideline Recommendations. *J Clin Med*. 2021;10(15):1–22.
 22. Esh CJ, Mauger AR, Palfreeman RA, Al-Janubi H, Taylor L. Acetaminophen (Paracetamol): Use Beyond Pain Management and Dose Variability. *Front Physiol*. 2017;8(DEC):1–7.
 23. Jozwiak-Bebenista M, Nowak JZ. Paracetamol: Mechanism of Action, Applications and Safety Concern. *Acta Pol Pharm - Drug Res*. 2014;71(1):11–23.
 24. Moriarty C, Carroll W. Paracetamol: Pharmacology, Prescribing and Controversies. *Arch Dis Child Educ Pract Ed*. 2016;101(6):331–4.
 25. McCrae JC, Morrison EE, MacIntyre IM, Dear JW, Webb DJ. Long-term Adverse Effects of Paracetamol – A Review. *Br J Clin Pharmacol*. 2018;84(10):2218–30.
 26. Graham GG, Davies MJ, Day RO, Mohamudally A, Scott KF. The Modern

- Pharmacology of Paracetamol: Therapeutic Actions, Mechanism of Action, Metabolism, Toxicity and Recent Pharmacological Findings. *Inflammopharmacology*. 2013;21(3):201–32.
27. Patra CN, Priya R, Swain S, Kumar Jena G, Panigrahi KC, Ghose D. Pharmaceutical Significance of Eudragit: A review. *Futur J Pharm Sci*. 2017;3(1):33–45.
28. Jyothi NVN, Prasanna PM, Sakarkar SN, Prabha KS, Ramajiah PS, Srawan GY. Microencapsulation Techniques, Factors Influencing Encapsulation Efficiency. *J Microencapsul*. 2010;27(3):187–97.
29. Joshi P, Gnanarajan G. A Review on Microencapsulation- A Novel Drug. 2016;5(6):717–28.
30. Agnihotri N, Mishra R, Goda C, Arora M. Microencapsulation-A Novel Approach in Drug Delivery: A Review. *Asian J Res Pharm Sci*. 2020;10(1):39.
31. Bayryamov SG. Microencapsulation of Natural Oils By a Coacervation Technique Using Gelatin As Shell Material. *J Chem Technol Metall*. 2020;55(6):1985–9.
32. Belali NG, Chaerunisaa AY. Solvent Evaporation as an Efficient Microencapsulating Technique for Taste Masking in Fast Disintegrating Oral Tablets. *Indones J Pharm*. 2019;1(3).
33. Patil N, Wadd N, Thorat S, Shashikant SU. Microspheres : A Novel Drug Delivery System. 2020;10(March).
34. Lestari Y. Perbandingan Kerja Alat Pengeringan Tipe Spray Dryer dan Freeze Dyrer dalam Proses Pengeringan Bahan Berbentuk Cair. *J Ilm Kohesi*. 2019;3(3):15–20.
35. Iqbal MN, Hady H. Pembuatan Mikrokapsul Phycocyanin Menggunakan Maltodekstrin sebagai Bahan Pelapis dengan Metode Spray Drying. *Semin Nas Tek Kim Kejuangan*. 2016;0(0):L12.
36. Piñón-Balderrama CI, Leyva-Porras C, Terán-Figueroa Y, Espinosa-Solís V, Álvarez-Salas C, Saavedra-Leos MZ. Encapsulation of Active Ingredients in Food Industry by Spray-drying and Nano Spray-drying Technologies. *Processes*. 2020;8(8).

37. Pudziuvelyte L, Marksa M, Sosnowska K, Winnicka K, Morkuniene R, Bernatoniene J. Freeze-drying Technique for Microencapsulation of Elsholtzia Ciliata Ethanolic Extract Using Different Coating Materials. *Molecules*. 2020;25(9):1–16.
38. MA K. Mikroenkapsulasi Ekstrak Jintan Hitam (*Nigella sativa* L.) dengan Metode Koaservasi Kompleks. UIN Alauddin Makassar; 2017.
39. K Mishra D, K Jain A, K Jain P. A Review on Various Techniques of Image Compression. *Int J Eng Comput Sci*. 2016;(July).
40. Mardikasari SA. Preparasi dan Karakterisasi Mikroenkapsulasi Asam Mefenamat Menggunakan Polimer Kitosan dan Natrium Alginat dengan Metode Gelasi Ionik. *J Farm Galen (Galenika J Pharmacy)*. 2020;18(2):192–7.
41. 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.
42. Razoki. Mikroenkapsulasi Bisoprolol dengan Penyalut Albumin. *J Dunia Farm*. 2020;5(1):29–39.
43. Sutriyo, Djajadisastra J, Novitasari A. Mikroenkapsulasi Propanolol Hidroklorida dengan Penyalut Etil Selulosa Menggunakan Metoda Penguapan Pelarut. *Maj Ilmu Kefarmasian*. 2004;1(2):93–101.
44. Lachman L, Lieberman H, JL K. *The Theory and Practice of Industrial Pharmacy*. 3rd ed. Varghese Publishing House; 1987.
45. Shargel L YB. *Applied Biopharmaceutics and Pharmacokinetics*. New York: McGraw-Hill Education; 2016.
46. Rachmaniar R, Rusdiana T, Panatarani C, Joni IM. Usaha Peningkatan Kelarutan dan Laju Disolusi Zar Aktif Farmasi Sukar Larut Air. *Indones J Pharm Sci Technol*. 2017;6(2):2–6.
47. Mukti W K. Analisis Spektroskopi Uv-Vis. *J Farm dan Ilmu Kefarmasian Indones*. 2020;(June):1–13.
48. Eka Putri L. Penentuan Konsentrasi Senyawa Berwarna KMnO₄ Dengan Metoda Spektroskopi UV Visible. *Nat Sci J*. 2017;3(1):391–8.
49. Gunawan B, Azhari CD. Karakteristik Spektrometri IR dan Scanning

- Electron Microscopy (SEM) Sensor Gas dari Bahan Polimer Poly Ethelyn Glycol (PEG). Fak Tek Univ Muria Kudus. 1979;1–17.
50. Sujatno A, Salam R, Bandriyana B, Dimyati A. Studi Scanning Electron Microscopy (SEM) untuk Karakterisasi Proses Oksidasi Paduan Zirkonium. *J Forum Nukl.* 2017;9(1):44.
 51. Anindya AL. Particle Size Analyser: Beberapa Penggunaan Instrumen Hamburan Cahaya. *Semin Nas Instrumentasi, Kontrol dan Otomasi.* 2018;(1):10–1.
 52. Nuraeni W, Daruwati I, W EM, Sriyani ME. Verifikasi Kinerja Alat Particle Size Analyzer (PSA) Horiba Lb-550 Untuk Penentuan Distribusi Ukuran Nanopartikel. *Pros Semin Nas Sains dan Teknol Nukl.* 2013;268–9.
 53. Silfia S, Failisnur F, Sofyan S. Analysis of Functional Groups, Distribution, and Particle Size of Stamp Ink From Gambier (*Uncaria gambir* Roxb) With NaOH and Al₂(SO₄)₃ Complexing Compounds. *J Litbang Ind.* 2019;9:89–96.
 54. Aspi, Malino M bara'allo, Lapanoro BP. Analisis Data Spektrum Spektroskopi FT-IR untuk Menentukan Tingkat Oksidasi Polianilin. *Prima Fis.* 2013;I(2):92–6.
 55. Dachriyanus. Analisis Struktur Senyawa Organik Secara Spektroskopi. 2004.
 56. Palmieri GF, Bonacucina G, Di Martino P, Martelli S. Spray-Drying as a Method for Microparticulate Controlled Release Systems Preparation: Advantages and Limits. I. Water-Soluble Drugs. *Drug Dev Ind Pharm.* 2001;27(3):195–204.
 57. Halim A, Arianti O, Umar S. Mikroenkapsulasi Parasetamol dengan Metode Penguapan Pelarut Menggunakan Polimer Natrium Karboksimetil (NaCMC). *J Farm Higea.* 2011;3(2):84–93.
 58. Kasuma N, Grace Y Irene, Kuswinarti MK, Rahmawati A, Wibisono G. Fisiologi dan Patologi Saliva. Vol. 2, 2. 2015. p. 54.
 59. Langen EN, Rumampuk JF, Leman MA. Pengaruh Saliva Buatan dan Belimbing Wuluh (*Averrhoa bilimbi* L.) Terhadap Kekerasan Resin Komposit Nano Hybrid. *Pharmacon.* 2017;6(1):9–15.

60. R LU, Nisak R. Perbedaan Volume, pH, dan Kadar Kalsium Saliva Karies dan Bebas Karies Pada Mahasiswa Fakultas Kedokteran Gigi Universitas Sumatera Utara. 2016;19(2):128–32.
61. Esposito E, Roncarati R, Cortesi R, Cervellati F, Nastruzzi C. Production of Eudragit microparticles by spray-drying technique: Influence of experimental parameters on morphological and dimensional characteristics. *Pharm Dev Technol.* 2000;5(2):267–78.
62. Harsisa A. Mikroenkapsulasi salbutamol sulfat dengan matriks etil selulosa menggunakan metode penguapan pelarut. 2011;12–20.
63. Sulistyani M, Huda N. Perbandingan Metode Transmisi dan Reflektansi Pada Pengukuran Polistirena Menggunakan Instrumentasi Spektroskopi Fourier Transform Infra Red. *Indones J Chem Sci.* 2018;7(2):195–8.
64. Kingsley Ogemdi I. A Review on the Properties and Uses of Paracetamol. *Int J Pharm Chem.* 2019;5(3):31.
65. Pujiono FE, Mulyati TA. Synthesis and Characterization of UiO-66 as a Paracetamol Absorption Material. *Al-Kimia.* 2019;7(2):189–97.
66. Herlina. Mikroenkapsulasi Tokotrienol Menggunakan Prigelatinasi Pati Singkong Sebagai Polimer Penyalut. 2012;
67. Desmawarni. Pengaruh komposisi Bahan Penyalut dan Kondisi Spray Drying Terhadap Karakteristik Mikro kapsul Oleoresin Jahe. 2007;
68. Sulastri E, Ibrahim N, Budiarti S. Mikroenkapsulasi Likopen dari Buah Tomat dengan Metode Penguapan Pelarut. *J Farm Galen (Galenika J Pharmacy).* 2019;5(1):108–16.

