

DAFTAR PUSTAKA

- Abdassah, M. (2017). Nanopartikel dengan gelasi ionik. *Farmaka*, 15(1), 45-52.
- AboulFotouh, K., Allam, A. A., El-Badry, M., & El-Sayed, A. M. (2018). Role of self-emulsifying drug delivery systems in optimizing the oral delivery of hydrophilic macromolecules and reducing interindividual variability. *Colloids and Surfaces B: Biointerfaces*, 167, 82-92.
- Aisy, Z. H. R., Puspita, O. E., & Shalas, A. F. (2021). Optimasi Formula Nanoemulsi Nifedipin Dengan Metode Self-Nanoemulsifying Drug Delivery System (SNEDDS). *Pharmaceutical Journal of Indonesia*, 6(2), 85-95.
- Asita, N., Zubair, M. S., & Syukri, Y. (2023). Formulasi Self-Nanoemulsifying Drug Delivery System (SNEDDS) yang Memanfaatkan Tanaman Obat: Narrative Review. *Jurnal Sains Farmasi & Klinis*, 10(2), 184-196.
- Astria, F., Subito, M., & Nugraha, D. W. (2014). Rancang bangun alat ukur pH dan suhu berbasis short message service (SMS) gateway. *Universitas Tadulako, Sulawesi Tengah*.
- Bi, Y., Lv, B., Li, L., Lee, R. J., Xie, J., Qiu, Z., & Teng, L. (2020). A liposomal formulation for improving solubility and oral bioavailability of nifedipine. *Molecules*, 25(2), 338.
- Buya, A. B., Beloqui, A., Memvanga, P. B., & Préat, V. (2020). Self-nano-emulsifying drug-delivery systems: From the development to the current applications and challenges in oral drug delivery. *Pharmaceutics*, 12(12), 1194.
- Christianty, M. A., Martono, Y., & Riyanto, C. A. (2018). Validasi Metode Analisis Amilosa Secara Spektrofotometri Ultraviolet-Visible (Uv-Vis) dalam Singkong.
- Harmono, H. D. (2020). Validasi metode analisis logam merkuri (hg) terlarut pada air permukaan dengan automatic mercury analyzer. *Indonesian Journal of Laboratory*, 2(3), 11-16.
- Harwansh, R. K., Deshmukh, R., & Rahman, M. A. (2019). *Nanoemulsion: Promising nanocarrier system for*

delivery of herbal bioactives. Journal of Drug Delivery Science and Technology. doi:10.1016/j.jddst.2019.03.006

- Ismail, I., Hasriani, H., & Ningsi, S. (2017). Formulasi dan Karakterisasi Nanokapsul Asiklovir Tersalut Kitosan-Alginat yang Dipaut Silang dengan Natrium Tripolifosfat. *Jurnal farmasi UIN Alauddin Makassar*, 2(4), 138-143.
- Hecq J., Deleers M., Fanara D., Vranckx H., Amighi K. Preparation and characterization of nanocrystals for solubility and dissolution rate enhancement of nifedipine. *Int. J. Pharm.* 2005;299:167–177
- Hidayat, I. R., Zuhrotun, A., & Sopyan, I. (2021). Design-expert software sebagai alat optimasi formulasi sediaan farmasi. *Majalah Farmasetika*, 6(1), 99-120.
- Huda, N., & Wahyuningsih, I. (2016). Karakterisasi self-nanoemulsifying drug delivery system (SNEDDS) minyak buah merah (*Pandanus conoideus* Lam.). *Jurnal Farmasi Dan Ilmu Kefarmasian Indonesia*, 3(2), 49-57.
- Jaiswal, M., Dudhe, R., & Sharma, P. K. (2015). Nanoemulsion: an advanced mode of drug delivery system. *3 Biotech*, 5, 123-127.
- Kassem, A. A., Mohsen, A. M., Ahmed, R. S., & Essam, T. M. (2016). *Self-nanoemulsifying drug delivery system (SNEDDS) with enhanced solubilization of nystatin for treatment of oral candidiasis: Design, optimization, in vitro and in vivo evaluation.* *Journal of Molecular Liquids*, 218, 219–232. doi:10.1016/j.molliq.2016.02.081
- Kementerian Kesehatan Republik Indonesia. (2014). Farmakope Indonesia Edisi V
- Khoirunisa, S. M. (2018). PERBANDINGAN KADAR NIFEDIPIN PADA TABLET GENERIK DAN NAMA DAGANG SECARA SPEKTROFOTOMETRI ULTRAVIOLET. *Jurnal Analis Farmasi*, 3(1), 71-78.
- Krstić, M., Medarević, Đ., Đuriš, J., & Ibrić, S. (2018). *Self-nanoemulsifying drug delivery systems (SNEDDS) and self-microemulsifying drug delivery systems (SMEDDS) as lipid nanocarriers for improving dissolution rate and bioavailability*

- of poorly soluble drugs. Lipid Nanocarriers for Drug Targeting*, 473–508. doi:10.1016/b978-0-12-813687-4.00012-8
- Lamusu, D. (2018). Uji organoleptik jalangkote ubi jalar ungu (*ipomoea batatas* l) sebagai upaya diversifikasi pangan. *Jurnal Pengolahan Pangan*, 3(1), 9-15.
- Lisyanti, F., Budi, S., & Zulfadhilah, M. (2022). Formulation Test of Preparations Face Mist Combination of Pomegranate Peel Extract and Mangosteen Peel as an Antioxidants. *Journal of Advances in Medicine and Pharmaceutical Sciences*, 1(1), 15-22.
- López, R. R., G. Font de Rubinat, P., Sánchez, L.-M., Tsering, T., Alazzam, A., Bergeron, K.-F., ... Nerguizian, V. (2021). The effect of different organic solvents in liposome properties produced in a periodic disturbance mixer: Transcutol®, a potential organic solvent replacement. *Colloids and Surfaces B: Biointerfaces*, 198, 111447.
- Maji, I., Mahajan, S., Sriram, A., Medtiya, P., Vasave, R., Khatri, D. K., ... Singh, P. K. (2021). *Solid self emulsifying drug delivery system: Superior mode for oral delivery of hydrophobic cargos*. *Journal of Controlled Release*, 337, 646–660
- Mora, E., & Selpas, N. (2013). Isolasi dan Karakterisasi Asam Oleat dari Kulit Buah Kelapa Sawit (*Elais guinensis* Jacq.). *Penelitian Farmasi Indonesia*, 1(2), 47-51.
- Murthy K.N.C., Monika P., Jayaprakasha G.K., Patil B.S. Nanoencapsulation: An advanced nanotechnological approach to enhance the biological efficacy of curcumin; Proceedings of the ACS Symposium Series; Washington, DC, USA. 10 October 2018; pp. 383–405.
- Nisa, M., Khairuddin, K., & Rafiana, N. (2021). Formulation and Characterization of Self Nano Emulsion Drug Delivery System Rice Bran Oil. *Journal of Pharmaceutical and Medicinal Sciences*, 5(2).
- Neslihan Gursoy, R., & Benita, S. (2004). *Self-emulsifying drug delivery systems (SEDDS) for improved oral delivery of lipophilic drugs*. *Biomedicine & Pharmacotherapy*, 58(3), 173–182.

- Nurismawati, D. A., & Priani, S. E. (2021). Kajian Formulasi dan Karakterisasi Self-nanoemulsifying Drug Delivery System (SNEDDS) sebagai Penghantar Agen Antihiperlipidemia Oral. *Jurnal Riset Farmasi*, 114-123.
- Patel, P. J., Gajera, B. Y., & Dave, R. H. (2018). A Quality-by-Design study to develop Nifedipine nanosuspension: Examining the relative impact of formulation variables, wet media milling process parameters, and excipient variability on drug product quality attributes. *Drug Development and Industrial Pharmacy*, 1–33.
- Pontremoli, R., Leoncini, G., & Parodi, A. (2005). Use of nifedipine in the treatment of hypertension. *Expert Review of Cardiovascular Therapy*, 3(1), 43–50.
- Pratiwi L., Fudholi A., Martien R., Pramono, S. Selfnanoemulsifying Drug Delivery System (Sneddss) for Topical Delivery of Mangosteen Peels (*Garcinia Mangostana* L.): Formulation Design and In vitro Studies. *Journal of Young Pharmacists*. 2017; 9 (3): 341-346
- Priani, S. E. (2021). Kajian Pengembangan Sediaan Self Nanoemulsifying Drug Delivery System (SNEDDS) untuk Penghantaran Agen Antidiabetik Oral. *Jurnal Mandala Pharmacon Indonesia*, 7(2), 171-187.
- Priani, S. E., & DARUSMAN, F. (2017). Formulation self nano emulsifying drug delivery system glimepiride using oleic acid as oil phase.
- RAHMAWATI HIDAYATI, S. R. I., Laila Vifta, R., & Resti Erwiyan, A. (2020). *FORMULASI DAN UJI STABILITAS NANOEMULSI EKSTRAK BUAH PARIJOTO (Medinilla speciosa Blume)* (Doctoral dissertation, Universitas Ngudi Waluyo).
- Rifka, A. S. W. (2020). *FORMULASI SEDIAAN SELF-NANO EMULSIFYING DRUG DELIVERY SYSTEM (SNEDDS) FRAKSI ETIL ASETAT DAUN KENIKIR (Cosmos caudatus L) DENGAN ASAM OLEAT SEBAGAI FASE MINYAK* (Doctoral dissertation, Sekolah Tinggi Ilmu Kesehatan Nasional).
- Rizky, N. C. R. A. C., Sulaiman, T. S., & Suwarmi, S. Pengaruh Peningkatan Tween 20 Sebagaisurfaktan Terhadapkarakteristik

- Dan Kestabilan Fisik Sediaanselfnanoemulsifying Drug Delivery System (Sneddss) Simvastatin. *Media Farmasi Indonesia*, 10(2), 151385.
- Roflin, E., & Liberty, I. A. (2021). *Populasi, Sampel, Variabel dalam penelitian kedokteran*. Penerbit NEM.
- Rowe RC, Sheskey PJ, Cook WG, Quinn ME. 2009. Handbook of pharmaceutical excipients-6 th edition. Pharmaceutical Press and American Pharmacist Association.1-917.
- Sari, Y. (2020). Penggunaan Mentimun Sebagai Terapi Komplementer Untuk Membantu Mengontrol Tekanan Darah Pada Keluarga Dengan Hipertensi. *JAM: JURNAL ABDI MASYARAKAT*, 1(1).
- Sasongko, A., Yulianto, K., & Sarastri, D. (2017). Verifikasi metode penentuan logam kadmium (Cd) dalam air limbah domestik dengan metode spektrofotometri serapan atom. *JST (Jurnal Sains dan Teknologi)*, 6(2), 228-237.
- Savitri, A., & Megantara, S. (2019). Metode KLT-Densitometri Sebagai Penetapan Kadar Bahan Aktif Sediaan Farmasi. *Farmaka*, 17(2), 455-463.
- Sharma, O. P., Patel, V., & Mehta, T. (2016). *Design of experiment approach in development of febuxostat nanocrystal: Application of Soluplus® as stabilizer*. *Powder Technology*, 302, 396–405.
- Sulistiana. (2017). Karakterisasi Dan Optimasi Solid Self-Nanoemulsifying Drug Delivery System (S-SNEDDS) Analog Kurkumin Terhadap Adsorben Aerosil Dengan Metode Simplex Latice Design (SLD)
- Susiwi, S. (2009). Penilaian organoleptik. *Universitas Pendidikan Indonesia. Bandung*.
- Sweetman SC, Martindale. 2009. The Complete Drug Reference. Thirty-sixth Edition. London: Pharmaceutical Press
- Syahrana, N. A., Ningsi, S., Haeria, H., & Ismail, I. (2021). Pengaruh Perbandingan Konsentrasi Polimer terhadap Karakteristik dan Laju Pelepasan Patch Transdermal Nifedipin: The Effect of Comparison Polymer Concentrations on the Characteristics and

- Release Rate of the Transdermal Nifedipin Patch. *Jurnal Sains dan Kesehatan*, 3(1), 34-39.
- Telaumbanua, A. C., & Rahayu, Y. (2021). Penyuluhan dan edukasi tentang penyakit hipertensi. *Jurnal Abdimas Saintika*, 3(1), 119.
- Umar, S., Saafrida, S., & Lucida, H. (2021). Validasi Metoda Analisis Penetapan Kadar Ketoprofen pada Tablet Salut Enterik secara Kromatografi Cair Kinerja Tinggi dan Spektrofotometri UV. *JSFK (Jurnal Sains Farmasi & Klinis)*, 8(2), 200-207.
- Widiastuti, S. (2017). *Pengembangan Self Nano Emulsifying Drug Delivery Sistem (SNEDDS) Meloksikam Menggunakan Surfaktan Tween 60 Dan Tween 80* (Doctoral dissertation, Universitas Setia Budi Surakarta).
- Who.int. (2023, 16 Maret). Hypertension. Diakses pada 20 Oktober 2023, dari <https://www.who.int/news-room/fact-sheets/detail/hypertension>
- Yusvita, L. Y. (2010). Efek Span 80 Dan Tween 80 Sebagai Emulgator Terhadap Sifat Fisis Dan Stabilitas Emulsi Oral A/M Ekstrak Etanol Buah Pare (*Momordica charantia* L.): Aplikasi Desain Faktorial. *UNIVERSITAS SANATA DHARMA*.
- Zhao, T. (2015). Self-nanoemulsifying drug delivery systems (SNEDDS) for the oral delivery of lipophilic drugs.
- Zulfa, E., Novianto, D., & Setiawan, D. (2019). Formulasi Nanoemulsi Natrium Diklofenak Dengan Variasi Kombinasi Tween 80 Dan Span 80: Kajian Karakteristik Fisik Sediaan. *Media Farmasi Indonesia*, 14(1), 1471-1477.