

DAFTAR PUSTAKA

- Agustiani, F. R. T., Sjahid, L. R., & Nursal, F. K. (2022). Kajian Literatur: Peranan Berbagai Jenis Polimer Sebagai Gelling Agent Terhadap Sifat Fisik Sediaan Gel. *Majalah Farmasetika*, 7(4), 270. <https://doi.org/10.24198/mfarmasetika.v7i4.39016>
- Aujoulat, F., Lebreton, F., Romano, S., Delage, M., Marchandin, H., Brabet, M., Bricard, F., Godreuil, S., Parer, S., & Jumas-Bilak, E. (2011). Comparative diffusion assay to assess efficacy of topical antimicrobial agents against *Pseudomonas aeruginosa* in burns care. *Annals of Clinical Microbiology and Antimicrobials*, 10(1), 27. <https://doi.org/10.1186/1476-0711-10-27>
- Bayoumi, S., Dawaba, A., Zalat, Z., & Ammar, A. (2022). Formulation and evaluation of HPMC topical gel of Ectoine. *Azhar International Journal of Pharmaceutical and Medical Sciences*, 0(0), 0–0. <https://doi.org/10.21608/aijpms.2022.94549.1092>
- Diyan Sakti Purwanto, Dewi Weni Sari, & Diana Tanafasa. (2025). Formulasi Sediaan Gel Variasi Konsentrasi Ekstrak dan Limbah Bunga Mawar Merah (*Rosa damascena* Mill.). *JURNAL RISET RUMPUN ILMU KEDOKTERAN*, 4(1), 357–373. <https://doi.org/10.55606/jurrike.v4i1.5197>
- FORMULASI MASKER PEEL-OFF EKSTRAK DAUN KEMANGI (*Ocimum sanctum*) SEBAGAI SEDIAAN ANTI JERAWAT. (2021). *Medical Sains : Jurnal Ilmiah Kefarmasian*, 6(1), 57–64. <https://doi.org/10.37874/ms.v6i1.217>
- Hapsari, I. P., & Feroniasanti, Y. M. L. (2019). *Phytochemical screening and in vitro antibacterial activity of sweet basil leaves (Ocimum basilicum L.) essential oil against Cutibacterium acnes ATCC 11827*. 020007. <https://doi.org/10.1063/1.5098412>
- Irianto, I. D. K., Ismiyati, I., Witaningrum, E., Ayuningtyas, E. N., Ulfah, M. M., & Purwanto, P. (2023). Antibacterial activity of cream, ointment, and emulgel of *Ocimum basilicum* L. essential oil against *Propionibacterium acnes*. *Majalah Obat Tradisional*, 28(1), 40. <https://doi.org/10.22146/mot.80909>
- Gwalior (M.P), India 474001, Gupta, B., Chopra, N., ITM University, Gwalior (M.P), India 474001, Dubey, S., ITM University, Gwalior (M.P), India 474001, Kohli, P., ITM University, Gwalior (M.P), India 474001, Zaidi, M. I., ITM University, Gwalior (M.P), India 474001, Chauhan, A., & ITM University, Gwalior (M.P), India 474001. (2023). FORMULATION OF ANTI-ACNE GEL OF MORINGA OLIEFERA LEAVES POWDER ETHANOLIC EXTRACT AS AN INHIBITOR OF BACTERIA. *Current Research in Pharmaceutical Sciences*, 13(2), 102–107. <https://doi.org/10.24092/CRPS.2023.130203>

- Jiang, Z., & Bai, X. (2022). Effects of Polysaccharide Concentrations on the Formation and Physical Properties of Emulsion-Templated Oleogels. *Molecules*, 27(17), 5391. <https://doi.org/10.3390/molecules27175391>
- Khan, N., & Kumari, D. S. (2024). *Emulgel: A Comprehensive Review*.
- Kindangen, O. C., Yamlean, P. V. Y., & Wewengkang, D. S. (2018). *Aktivitasnya Terhadap Bakteri*. 7(3).
- Laras Rizkia, W., Diana Sri, Z., Lusi, N., Firman, G., & Sisca Julyani, A. (2024). Studi Preformulasi Gingerol Dalam Sediaan Gel Dengan Perbandingan Basis Carbopol Dan Viscolam. *Pharmacoscript*, 7(2), 413–428. <https://doi.org/10.36423/pharmacoscript.v7i2.1904>
- Lestari, R. T., Gifanda, L. Z., Kurniasari, E. L., Harwiningrum, R. P., Kelana, A. P. I., Fauziyah, K., Widyasari, S. L., Tiffany, T., Krisimonika, D. I., Salean, D. D. C., & Priyandani, Y. (2020). Perilaku Mahasiswa Terkait Cara Mengatasi Jerawat. *Jurnal Farmasi Komunitas*, 8(1), 15. <https://doi.org/10.20473/jfk.v8i1.21922>
- Meilina, N. E., & Hasanah, A. N. (2018). *Review Artikel : Aktivitas Antibakteri Ekstrak Kulit Buah Manggis (Garcinia mangostana L.) Terhadap Bakteri Penyebab Jerawat*. 16.
- Mursyid, A. M. (2017). Evaluasi Stabilitas Fisik Dan Profil Difusi Sediaan Gel (Minyak Zaitun). *Jurnal Fitofarmaka Indonesia*, 4(1), 205–211. <https://doi.org/10.33096/jffi.v4i1.229>
- Ninsih, U. A., Lambogo, A. T. B., Ernawati, E., Imaniar, M., & Hasrawati, A. (2022). Formulasi Gel Ekstrak Etanol Daun Sirih Cina Serta Aktivitasnya Terhadap Pertumbuhan Bakteri Penyebab Jerawat *Propionibacterium acne* dan *Staphylococcus aureus*. *As-Syifaa Jurnal Farmasi*, 14(1), 1–10. <https://doi.org/10.56711/jifa.v14i1.784>
- Niraj Gaikwad, R. A. (2024). *A Comprehensive Review On Emulgel As A Topical Drug Delivery System*. <https://doi.org/10.5281/ZENODO.11317649>
- Prakash, A., & Vadivel, V. (2020). Citral and linalool nanoemulsions: Impact of synergism and ripening inhibitors on the stability and antibacterial activity against *Listeria monocytogenes*. *Journal of Food Science and Technology*, 57(4), 1495–1504. <https://doi.org/10.1007/s13197-019-04185-8>
- Puspitasari, F., Saraswati, I., & Wulandari, F. (2023). Formulasi dan Evaluasi Fisik Sediaan Emulgel Ekstrak Daun Kelor (*Moringa oleifera* Lam.) sebagai Antioksidan dengan Gelling Agent HPMC. *Generics: Journal of Research in Pharmacy*, 3(1), 36–44. <https://doi.org/10.14710/genres.v3i1.17256>
- Putri Rahmani, S. I., & Zulkarnain, A. K. (2023). Optimization of HPMC and Na-CMC as Gelling Agents on Physical Properties and Stability in Sunflower Seed Oil Gel Formulation. *Journal of Food and Pharmaceutical Sciences*, 812–819. <https://doi.org/10.22146/jfps.8227>

- Rusli, D., Amelia, K., & Gading Setia Sari, S. (2023). Formulasi dan Evaluasi Sediaan Gel Ekstrak Daun Kelor (*Moringa Oleifera* Lam.) Dengan Variasi NaCMC Sebagai Basis. *Jurnal Ilmiah Bakti Farmasi*, 6(1). <https://doi.org/10.61685/jibf.v6i1.72>
- Saraung, V., Yamlean, P. V., & Citraningtyas, G. (2018). *Pengaruh Variasi Babis Karbopol Dan HPMC Pada Formulasi Gel Ekstrak Etanol Daun Tapak Kuda*. 7(3).
- Sekolah Tinggi Teknologi Industri dan Farmasi Bogor, Sumiati, T., Masaenah, E., & Asriyani, L. (2019). Analisis Aktivitas Antibakteri Sediaan Gel Ekstrak Etanol 70% Daun Kemangi (*Ocimum americanum* L.) Terhadap Bakteri *Propionibacterium acnes*. *Jurnal Farmamedika (Pharmamedica Journal)*, 4(1), 1–10. <https://doi.org/10.47219/ath.v4i1.52>
- Setyaningsih, R., Prabandari, R., & Febrina, D. (2022). Formulasi Dan Evaluasi Salep Ekstrak Etanol Bunga Kecombrang (*Etlingera elatior* (Jack) R.M.Sm.) Pada Penghambatan *Propionibacterium acnes*. *Pharmacy Genius*, 1(1), 1–11. <https://doi.org/10.56359/pharmgen.v1i01.143>
- Sheskey, P. J., Cook, W. G., & Cable, C. G. (2017). *Handbook of pharmaceutical excipients* (8th ed). Pharmaceutical press American pharmacists association.
- Utari, B., & Munawaroh, R. (2023). Aktivitas Antibakteri Ekstrak Etanol Daun Dan Batang Kemangi (*Ocimum basilicum*) Serta Fraksi Aktifnya Terhadap *Staphylococcus epidermidis*. *Usadha Journal of Pharmacy*, 118–132. <https://doi.org/10.23917/ujp.v2i1.141>
- Vanpariya, F., Shiroya, M., & Malaviya, M. (2021). Emulgel: A Review. *International Journal of Science and Research (IJSR)*, 10(3), 847–852. <https://doi.org/10.21275/SR21311095015>
- Vlad, R.-A., Pintea, A., Pintea, C., Rédei, E.-M., Antonoaea, P., Bîrsan, M., & Ciurba, A. (2025). Hydroxypropyl Methylcellulose—A Key Excipient in Pharmaceutical Drug Delivery Systems. *Pharmaceutics*, 17(6), 784. <https://doi.org/10.3390/pharmaceutics17060784>
- Wahidah, S., Saputri, G. A. R., & Nofita, N. (2024). Formulasi dan Uji Stabilitas Sediaan Gel Ekstrak Etanol Daun Asam Jawa (*Tamarindus indica* L.) dengan Variasi Gelling Agent. *Jurnal Mandala Pharmacon Indonesia*, 10(2), 508–518. <https://doi.org/10.35311/jmpi.v10i2.623>
- Yuliani, F., Alfiah, F. B., & Handayani, K. R. (2024). *Formulasi Dan Evaluasi Fisik Emulgel Ekstrak Etanol Rimpang Bangle (Zingiber cassumunar Roxb.)*. 4(1).