

DAFTAR PUSTAKA

1. Iskandarsyah, S. & Hayati, D. Pengaruh Kombinasi Hidroksipropil Metilselulosa- Xanthan Gum Sebagai Matriks Pada Profil Pelepasan Tablet Teofilin Lepas Terkendali. *Maj. Ilmu Kefarmasian VII*, 58–70 (2010).
2. Olli, A. T. & Aztriana. Optimasi Bahan Polimer Pembentuk Matriks Tablet Sustained Release Na. Diklofenak. *As-Syifaa* 07, 52–59 (2015).
3. Suprianto. Analisis Kinetika Pelepasan Obat Teofilin dari Granul Matriks Kitosan. *J. Ilm. Manuntung* 2, 70–80 (2016).
4. Rathore, A. S., Jat1, R. C., Sharma1, N. & Tiwari1, R. an Overview : Matrix Tablet As Controlled Drug Delivery System. *Int. J. Res. Dev. Pharm. Life Sci.* 2, 482–492 (2013).
5. El Yahya, I. R. & Abdassah, M. Review : Matriks Polimer yang Digunakan pada Tablet Sustained Release. *Farmasetika.com (Online)* 4, 78 (2019).
6. Handiana, I. R. & Indriyati, W. Formulasi Sediaan Tablet Lepas Lambat Teofilin Dengan Bahan Matriks Yang Berkarakteristik Hidrofilik : Review. *Farmaka Suplemen* 14, 213–221 (2018).
7. Derakhshandeh, K. & Soleymani, M. Formulation and in vitro evaluation of nifedipine-controlled release tablet: Influence of combination of hydrophylic and hydrophobic matrix forms. *Asian J. Pharm.* 4, 185–193 (2010).
8. Lukman, A., Fernando, A. & Entika, R. Formulasi Tablet Lepas Lambat Natrium Diklofenak Menggunakan Matriks Pati Beras Ketan Pragelatinasi Dari Kampar. *Sci. J. Farm. dan Kesehat.* 4, 12 (2016).
9. Ramadhani, U. K. S., Djajadisastra, J. & Iskandarsyah, I. Pengaruh Polimer dan Peningkat Penetrasi Terhadap Karakter Penetrasi Matriks Sediaan Patch Transdermal Karvedilol. *J. Ilmu Kefarmasian Indones.* 15, 120 (2017).
10. Iwud, M., Pramesthie, R., Ameliana, L. & Wisudyaningsih, B. Pengaruh Komposisi Hidroksi Propil Metil Selulosa K-15 dan Etil Selulosa N-22 terhadap Prosentase Kelembapan Air dan Pelepasan Meloksikam dari Sediaan Plester (The Influence of Hidroxy Propyl Methyl Cellulose K-15 and Ethyl Cellulose N-22 Ratio on Procen. 2, 175–178 (2014).

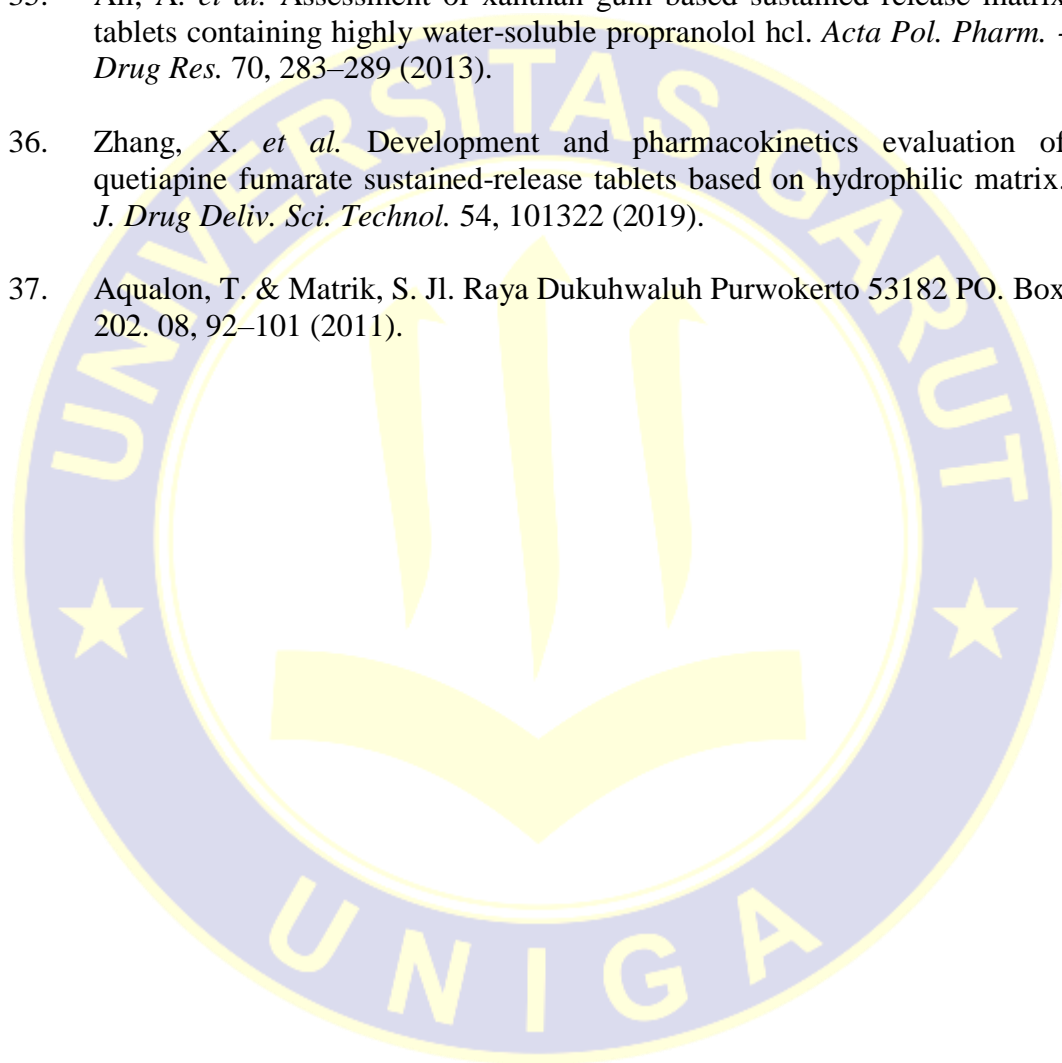
11. Kumar, S., Singh, A. K., Prajapati, S. K. & Singh, V. K. Formulation and Evaluation of once daily sustained release matrix tablets of Aceclofenac using natural gums. *J. Drug Deliv. Ther.* 2, 16–24 (2012).
12. Yadav, G., Bansal, M., Thakur, N., Sargam & Khare, P. Multilayer tablets and their drug release kinetic models for oral controlled drug delivery system. *Middle East J. Sci. Res.* 16, 782–795 (2013).
13. Munir, M. Epigallocatechin Gallate (EGCG) Teh Hijau Menurunkan Kadar Trigliserida yang Berhubungan dengan Penurunan Kadar SREBP-1 (pada Tikus Galur Wistar Jantan yang Diberi Diet Tinggi Lemak). *Sain Med* 3, 67–73 (2011).
14. Wadher, K. J., Kakde, R. B. & Umekar, M. J. Formulation of Sustained Release Metformin Hydrochloride Matrix Tablets: Influence of Hydrophilic Polymers on the Release Rate And In Vitro Evaluation. 1, 9–16 (2011).
15. Raiskup, F. & Spoerl, E. Corneal crosslinking with riboflavin and ultraviolet A. I. principles. *Ocul. Surf.* 11, 65–74 (2013).
16. Venkatesh, D. N. *et al.* Development, in vitro release and in vivo bioavailability of sustained release nateglinide tablets. *J. Drug Deliv. Sci. Technol.* 55, 101355 (2020).
17. Hong, Y. *et al.* LWT - Food Science and Technology Sustained release of tea polyphenols from a debranched corn starch – xanthan gum complex carrier. *LWT - Food Sci. Technol.* 103, 325–332 (2019).
18. Yilma, Z., A. Belete & Gebre-Mariam, T. Formulation and Optimization of Sustained Release Floating Matrix Tablets of Salbutamol Sulphate Using Xanthan Gum and Hydroxypropyl Methylcellulose Polymer Blend. *Int. J. Pharm. Sci. Res.* 6, 1877–1892 (2015).
19. Release, M. & Form, D. in Pharmaceutical and Nano Sciences SUSTAINED AND CONTROLLED DRUG DELIVERY SYSTEM - AS A PART OF. 4, 347–364 (2015).
20. Zalte, H. D. & Saudagar, R. B. JPPT R eview A rticle. *Int. J. Pharm. Biol. Sci.* 3, 17–29 (2013).
21. Moodley, K. *et al.* Oral drug delivery systems comprising altered geometric configurations for controlled drug delivery. *Int. J. Mol. Sci.* 13, 18–43 (2012).
22. Shargel L, Y. A. *Biofarmasetika Dan Farmakoterapi Terapan.* (Univeritas

Airlangga, 1988).

23. Arafat, M. Approaches to achieve an oral controlled release drug delivery system using polymers: A recent review. *Int. J. Pharm. Pharm. Sci.* 7, 16–21 (2015).
24. Dash, S., Murthy, P. N., Nath, L. & Chowdhury, P. Kinetic modeling on drug release from controlled drug delivery systems. *Acta Pol. Pharm. - Drug Res.* 67, 217–223 (2010).
25. Asaduzzaman, M., Rahman, M. R., Rahman Khan, M. S. & Ashraful Islam, S. M. Development of sustain release matrix tablet of ranolazine based on methocel K4M CR: In vitro drug release and kinetic approach. *J. Appl. Pharm. Sci.* 1, 131–136 (2011).
26. Yadav, I. K. *et al.* Formulation, evaluation and optimization of aceclofenac sustained release matrix tablets. *Int. J. PharmTech Res.* 2, 592–598 (2010).
27. Taufikurrahmi, T., Kharimah, H., Fatmawati, H. D., Hidayatullah, S. & Chabib, L. Pengaruh Variasi Bahan Penghancur terhadap Sifat Fisikokimia dan Disolusi Tablet Aminofilin sebagai Terapi Asma. *J. Pharmascience* 4, 74–84 (2017).
28. Anggraini, D. Studi Komparatif Laju Disolusi Tablet Asam Mefenamat Generik Bermerek Yang Beredar Dikota Pekanbaru. *Sci. J. Farm. dan Kesehat.* 10, 160 (2020).
29. Sareen, S., Joseph, L. & Mathew, G. Improvement in solubility of poor water-soluble drugs by solid dispersion. *Int. J. Pharm. Investig.* 2, 12 (2012).
30. Review, P. Drug release characteristics of dosage forms: a review. *J. Coast. Life Med.* 2, 332–336 (2014).
31. Pratiwi, M. & Hadisoewignyo, L. Optimasi formula tablet lepas lambat kaptopril menggunakan metode desain faktorial Optimization of formula sustained release captopril tablet using factorial design method. *Majalah Farmasi Indonesia* 21, 285–295 (2010).
32. Azhar, S. A., Rajesh Kumar, P., Vivek, S. & Somashekar, S. Studies on directly compressed ondansetron hydrochloride mucoadhesive buccal tablets using gelatin, chitosan and xanthan gum along with HPMC K4M. *J. Appl. Pharm. Sci.* 2, 100–105 (2012).
33. Savaşer, A., Taş, Ç., Bayrak, Z., Özkan, C. K. & Özkan, Y. Effect of different polymers and their combinations on the release of

metoclopramide HCl from sustained-release hydrophilic matrix tablets. *Pharm. Dev. Technol.* 18, 1122–1130 (2013).

34. Aisyah, S., Fudholi, A. & Rohman, A. Optimasi Formula Tablet Floating Nifedipin Menggunakan HPMC K15M, PVP K-30 dan Avicel PH 102 dengan Metode Simplex Lattice Design. *J. Farm. (Journal Pharmacy)* 2, 30 (2019).
35. Ali, A. *et al.* Assessment of xanthan gum based sustained release matrix tablets containing highly water-soluble propranolol hcl. *Acta Pol. Pharm. - Drug Res.* 70, 283–289 (2013).
36. Zhang, X. *et al.* Development and pharmacokinetics evaluation of quetiapine fumarate sustained-release tablets based on hydrophilic matrix. *J. Drug Deliv. Sci. Technol.* 54, 101322 (2019).
37. Aqualon, T. & Matrik, S. Jl. Raya Dukuwaluh Purwokerto 53182 PO. Box 202. 08, 92–101 (2011).



LAMPIRAN 1

STATUS LUARAN ULASAN PUSTAKA



The screenshot shows the 'Active Submissions' page of the Farmasyifa journal. The page header includes the journal title 'Jurnal Ilmiah Farmasi Farmasyifa' and the URL 'http://ejournal.unisba.ac.id/index.php/Farmasyifa'. The navigation menu includes 'HOME', 'ABOUT', 'USER HOME', 'SEARCH', 'CURRENT', 'ARCHIVES', and 'ANNOUNCEMENTS'. The main content area displays a table of active submissions with the following data:

ID	MM-DD SUBMIT	SEC	AUTHORS	TITLE	STATUS
7058	12-19	ART	Rohman	REVIEW: KOMBINASI POLIMER HPMC DAN XANTHAN GUM TERHADAP...	Awaiting assignment

Below the table, there are links for 'Start a New Submission' and 'REFBACKS'. The 'REFBACKS' section shows a table with columns 'DATE ADDED', 'HITS', 'URL', 'ARTICLE', 'TITLE', 'STATUS', and 'ACTION', and a message stating 'There are currently no refbacks.'.

Bukti *submission* jurnal ilmiah farmasi farmasyifa