

DAFTAR PUSTAKA

- Araújo AAS, de Melo MGD, Rabelo TK, Nunes PS, Santos SL, Serafini MR, *et al.* Review of the Biological Properties and Toxicity Of Usnic Acid. *Nat Prod Res.* 2015;6419(January 2016):1–14.
- Arora S, Ali J, Ahuja A, Khar RK, Baboota S. Floating Drug Delivery Systems : A Review. *AAPS PharmSciTech.* 2005;6(3):372–90.
- Attwood D, Alexander TF. *Physical Pharmacy.* London: Pharmaceutical Press; 2008.
- Ben, E.S. *Teknologi Tablet.* Padang: Andalas University Press; 2008.
- Chowdary KPR, Hussainy SA. Formulation And Evaluation Of Floating Tablets Of Gliclazide Employing HPMC and Carbopol. *Int. J. Chem. Sci.* 2012;10(3):1213–20.
- Cocchietto M, Skert N, Nimis P, Sava G. A Review On Usnic Acid, an Interesting Natural Compound. *Naturwissenschaften.* 2002;89(4):137–46.
- David, B.T. *Remington: The Science and Practice of Pharmacy* 21th edition. Philadelphia: Lippincot William; 2005.
- Eberle VA. Floating Gastroretentive Drug Delivery Systems based on Functionalized Calcium Carbonate. 2016.
- Dehghan MH, Khan FN. Gastroretentive drug delivery systems: A patent perspective. *Int J Health Res.* 2009;2:23-44.
- Fitriani L, Abdillah R, Ben E.S. Formulation of Metformin HCl Floating Tablet using HPC , HPMC K100M , and the Combinations. *Jurnal Sains Farmasi Klinis* 2017;4:79–82.
- Gambhire MN, Ambade KW, Kurmi SD, Kadam VJ, Jadhav KR. Development and In Vitro Evaluation of an Oral Floating Matrix Tablet Formulation of Diltiazem Hydrochloride. 2007;8(3).
- Garg R, Gupta GD. Progress in Controlled Gastroretentive Delivery System. *Tropical Journal of Pharmaceutical Research.* 2008;7(3):1055-1066.
- Gharti K, Thapa P, Budhathoki U, Bhargava A. Formulation and in Vitro Evaluation of Floating Tablets of Hydroxypropyl Methylcellulose and Polyethylene Oxide using Ranitidine Hydrochloride as a Model Drug. *J Young Pharm.* 4(4).

Guo L, Shi Q, Fang JL, Mei N, Ali AA, Lewis SM, et al. Review Of Usnic Acid and Usnea Barbata Toxicity. *J Environ Sci Heal - Part C Environ Carcinog Ecotoxicol Rev.* 2008;26(4):317–38.

Ingólfssdóttir K. Usnic acid. *Phytochemistry.* 2002;61(7):729–36.

Kementerian Kesehatan Republik Indonesia. *Farmakope Indonesia Edisi 5.* Jakarta: Kementerian Kesehatan RI; 2013.

Kharaghani A, Tsotsas E, Wolf C, Beutler T, Guttzeit M, Oetjen G-W. Freeze-Drying. In: *Ullmann's Encyclopedia of Industrial Chemistry.* 2017.

Manivannan R, Chakole V. Formulation and Development of Extended Release Floating Tablet of Atenolol. *Int J Recent Adv Pharm Res.* 2011;3.

Mayavanshi A, Gajjar S. Floating Drug Delivery Systems To Increase Gastric Retention Of Drugs : A Review. *Res J Pharm Technol.* 2008;1(4):345–8.

Neto A do NP, Cruz CF dos S, Serafini MR, Menezes P dos P, Carvalho YMBG de, Matos CRS, et al. Usnic acid-incorporated alginate and gelatin sponges prepared by freeze-drying for biomedical applications. 2016.

Nireesha GR, Divya L, Sowmya C, Venkateshan N, Babu MN, Lavakumar V. Lyophilization / Freeze Drying - An Review. *Int J Nov Trends Pharm Sci.* 2013;3(4):87–98.

O'Neil, Maryadele J. *The Merck Index* 13th edition. New York: Merck and Co. Inc; 2001.

Pramyothin P, Janthasoot W, Pongnimitprasert N. Hepatotoxic effect of (+) usnic acid from *Usnea siamensis* Wainio in rats , isolated rat hepatocytes and isolated rat liver mitochondria. *Journal of Ethnopharmacology* 2004;90:381–7.

Qi X, Chen H, Rui Y, Yang F, Ma N, Wu Z. Floating Tablets for Controlled Release of Ofloxacin via Compression Coating of Hydroxypropyl Cellulose Combined with Effervescent Agent. *Int J Pharm.* Elsevier B.V.; 2015; Available from: <http://dx.doi.org/10.1016/j.ijpharm.2015.05.007>.

Ram HNA, Lachake P, Kaushik U, Shreedhara CS. Formulation and evaluation of floating tablets of liquorice extract. 2010;2(5).

Rankovic B., Kosanic M., Stanojkovic T., Vasiljevic P., Manojlovic N. Biological Activities of *Toninia candida* and *Usnea barbata* Together with Their Norstictic Acid and Usnic Acid Constituents. *International Journal Molecule Science.* 2012;13:14707-14722.

Rowe RC, Sheskey PJ, Quinn ME. Handbook of Pharmaceutical Excipients. 6th Edition. London: Pharmaceutical Press; 2009. 888 p.

Raza A, Bukhari NI, Karim S, Ahsan M, Hayat U. Floating tablets of minocycline hydrochloride : Formulation , in-vitro evaluation and optimization. Future J Pharm Sci. 2017;3.

Safak B, Ciftci IH, Ozdemir M, Kiyildi N, Centinkaya Z, Aktepe OC, et al. In Vitro Anti-Helicobacter pylori Activity of Usnic Acid. Phytotherapy Research 2009;23:955–7.

Serajuddin ATM. Solid Dispersion of Poorly Water-Soluble Drugs : Early Promises, Subsequent Problems and Recent Breakthroughs. J Pharm Sci. 1999;88(10).

Siregar, CJP, Wikarsa S. Teknologi farmasi: Sediaan tablet, dasar-dasar praktis. Jakarta: Penerbit Buku Kedokteran EGC; 2010.

Sungthongjeen, S., Sriamornsak, P., Puttipipatkhachorn, S. 2011. Design og Floating HPMC Matrix Tablets : Effect of Formulation Variables on Floating Properties and Drug Release. *Advanced Materials Research*, 311-313, 1140-1143.

Tadros MI. European Journal of Pharmaceutics and Biopharmaceutics Controlled-release effervescent floating matrix tablets of ciprofloxacin hydrochloride : Development , optimization and in vitro – in vivo evaluation in healthy human volunteers. Eur J Pharm Biopharm. Elsevier B.V.; 2010;74(2):332–9.

U.S Pharmacopeia. The United States Pharmacopeia, USP 32/The National Formulary, NF 27. Rockville, MD: U.S. Phamacopeiaa Convention, Inc; 2007.

Voigt, R. 1994. *Buku Pelajaran Teknologi Farmasi*. Penerjemah : Noerono S. Yogyakarta: Gadjah Maja University Press.

Yin L, Qin C, Chen K, Zhu C, Cao H, Zhou J, et al. Gastro-floating tablets of cephalexin : Preparation and in vitro / in vivo evaluation. Int J Pharm [Internet]. Elsevier B.V.; 2013;452(1–2):241–8. Available from: <http://dx.doi.org/10.1016/j.ijpharm.2013.05.011>