

## DAFTAR PUSTAKA

- A, R.M., Banji, D., Banji, O.J.F., K, Kumar & Ragini, M. 2011. Lycopene and It's Importance in Treating Various Diseases in Humans. *International Research Journal of Pharmacy*, Vol. 2, 8, 31-37.
- Agarwal, S. & Rao, A.V. 2000. Tomato Lycopene and Its Role in Human Health and Chronic Disease. *Canadian Medical Association Journal*, 163, 6, 739-744.
- Alda, L.M., Gogoasa, I., Bordean, D., Gergen, I., Alda, S., Moldovan, C. & Nita, L. 2009. Lycopene content of tomatoes and tomato products. *Journal of Agroalimentary Processes and Technologies*, Vol. 15, 4, 540-542.
- Andayani, R., Maimunah, L.Y . 2008. Penentuan Aktivitas Antioksidan, Kadar Fenolat Total dan Likopen pada Buah Tomat (*Solanum lycopersicum* L.). *Jurnal Sains dan Teknologi Farmasi*, 13, 1.
- Ansel, H.C. 2005. *Pengantar Bentuk Sediaan Farmasi*. (Edisi IV). Jakarta: UI Press.
- Badan Pusat Statistik Kabupaten Solok. 2016. *Kabupaten Solok dalam Angka*. Solok : CV. Adyta.
- Badan Pusat Statistik Provinsi Sumatera Barat. 2016. *Provinsi Sumatera Barat dalam Angka*. Padang : CV. Baltika Offset.
- Banker, G.S., Rodhes, C.T. 2002. *Modern Pharmaceutics* (4th Ed). New York: Taylor & Francis Group, LLC.
- Chauhan, K., Sharma, S., Agarwal, N., & Chauhan, B. 2011. Lycopene of Tomato Fame: Its Role in Health and Disease. *International Journal of Pharmaceutical Sciences Review and Research*, Vol. 10, 1.
- Darmawati, A., Syafi;i, A. & Inoni, A. 2008. Penggunaan Dimetil Sulfoksida (DMSO) sebagai Pelarut untuk Analisis Uji Batas "Cemaran Organik Mudah Menguap" menggunakan Kromatografi Gas. *Majalah Farmasi Airlangga*, Vol.6 (1).
- Departemen Kesehatan Republik Indonesia. 2000. *Parameter Standar Umum Ekstrak Tumbuhan Obat*. (Edisi I). Jakarta : Direktorat Jenderal Pengawasan Obat dan Makanan, Direktorat Pengawasan Obat Tradisional.
- Desu, P.K., Vaishnavi, G., Divya, K. & Lakshmi, U. 2015. An Overview on Preformulation Studies. *Indo American Journal of Pharmaceutical Science*, Vol. 2, 10, 1399-1407.
- Ferreira, I.C.F.R., Pinela, J., Barros, L., & Carvalho, A.M., 2012. Nutritional composition and antioxidant activity of four tomato (Lycopersicon

- esculentum L.) farmer' varieties in Northeastern Portugal homegardens. *Food and Chemical Toxicology*, Vol. 50, 3–4, 829–834.
- Gandjar, G.H., & Rohman, A., 2007. *Kimia Farmasi Analisis*. Yogyakarta : Pustaka Pelajar.
- Handrian, R.G., Meiriani, M., & Haryati, H. 2013. Peningkatan Kadar Vitamin C Buah Tomat (*Lycopersicum esculentum* Mill) Dataran Rendah dengan Pemberian Hormon GA3. *Indonesian Scientific Journal Database*, Vol. 2, 1.
- Jouyban, A. 2010. *Handbook of Solubility Data for Pharmaceuticals*. New York : CRC Press.
- Ko, S., Ha, T.V.A., Kim, S., Choi, Y., Kwak, H., Lee, S.J., Wen, J., & Oey, I.. 2015. Antioxidant activity and bioaccessibility of size-different nanoemulsions for lycopene-enriched tomato extract. *Journal Food Chemistry*, 178, 115-121.
- Lachman, L., Lieberman, H.A. & Kanig, J.L. 1994. *Teori dan Praktek Farmasi Industri*. Jakarta : UI Press.
- Lucida, H., Fitriani, L., Aglariat, F., & Fortunella, F. 2017. Formulation and Evaluation of Microemulsion from Chloroform Extract of Tomato (*Solanum lycopersicum* L.). *Scholars Research Library*, p 48-57.
- Marotta L. 2006. *Organic Volatile Impurities by Headspace Gas Chromatography*.
- Martin, A. 1993. *Farmasi Fisik, Jilid I Edisi III*. Jakarta : UI Press.
- Naviglio, D., Pizzolongo, F., Ferrara, L., Naviglio, B., Aragon, A. & Santini, A. 2008. Extraction of pure lycopene from industrial tomato waste in water using the extractor Naviglio. *African Journal of Food Science*, Vol. 2, 2, 037-044.
- Popescu, E.C. & Iordan, M. 2012. Effect of Thermal Processing on Bioactive Compounds of Tomato Paste. *Annals, Food Science and Technology*, Vol. 13, 2, 185-189.
- Roger L., F., 2004. *The Determination of Residual Solvent in Pharmaceutical Using the Agilent G1888 Network Headspace Sampler*.
- Rohman, Abdul. 2009. *Kromatografi untuk Analisis Obat*. Yogyakarta: Graha Ilmu.
- Sayuti, K., Yenrina, R. 2015. *Antioksidan, Alami dan Sintetik*. Padang : Andalas University Press.
- Singh, S., Mandoria, N., & Shaikh, A. 2012. Preformulation Studies of Simvastatin for Transdermal Drug Delivery System. *International Research Journal of Pharmacy*.

- Syofyan, Yolanda, R. & Erizal. 2013. Studi Preformulasi Peningkatan Kelarutan Sulfametoksazol melalui Pembentukan Kompleks Inklusi dengan  $\beta$ -Siklodekstrin menggunakan Metode Co-Grinding. *Prosiding Seminar Nasional Perkembangan Terkini Sains Farmasi dan Klinik III*, 207–211.
- Thompson, K.A., Marshall, M.R., Sims, C.A., Wei, C.I., Sargent, S.A., & Scott, J.W. 2000. Cultivar, Maturity, and Heat Treatment on Lycopene Content in Tomatoes. *Journal of Food Science*, Vol. 64, 5.
- U.S. Pharmacopeia. 2017. *The United States Pharmacopoeia 40 – National Formulary 35*. Rockville, MD: United State Pharmacopoeia Convention, Inc.
- Sherma, J. & Vasta, J.D. 2008. Analysis of Lycopene in Nutritional Supplements by Silica Gel High-Performance Thin-Layer Chromatography with Visible-Mode Densitometry. *Acta Chromatographica*, p 673-683.
- Vidhya, A & Arunadevi, S. 2015. UV-VIS, GC-MS and FT-IR Analysis and Determination of *In-Vitro* Antioxidant Activity of Lycopene from *Citrullus lanatus*. *International Journal of Pharmaceutical Sciences and Research*, Vol. 6 (11) : 4830-4834.
- Watson David G. (2009). *Analisis Farmasi : Buku Ajar untuk Mahasiswa Farmasi*, (Ed II). Jakarta : EGC.
- Wiryanta, Bernadinus T. Wahyu. 2002. *Bertanam Tomat* . Jakarta : PT AgroMedia Pustaka.
- Xianquan, S., Shi, J., Yakuda, Y., Yueming, J. 2005. Stability of Lycopene during Processing and Storage. *J.Med Food*. Vol. 8 (4) : 413-422.
- Zikria, R. 2014. *Outlook Komoditi Tomat*. Jakarta : Pusat Data dan Sistem Informasi Pertanian Sekretariat Jenderal Kementerian Pertanian.