

## DAFTAR PUSTAKA

- Abdullah, N.F.B.N., 2010, Hubungan Pemberian Beras Angkak Merah (*Monascus purpureus*) Terhadap Hitung Limfosit Mencit Balb/C Model Sepsis, Skripsi, Fakultas Kedokteran Universitas Sebelas Maret, Surakarta.
- Al- Hashimi, A.G., 2012, Antioxidant and Antibacterial Activities of Hibiscus sabdariffa L. extracts, *African Journal of Food Science*, Vol.06, 506-511.
- Amic, D. Davidovic-Amic, D. Bes̃lo, D. dan Trinajstic, N., (2003), "Structure radical scavenging activity relationships of flavonoids", *Croatia Chemical Acta*, 76, hal 55–61.
- Ansel, H. C. 1989. Pengantar Bentuk Sediaan Farmasi Edisi 4. Penerjemah: Farida Ibrahim. Jakarta: UI Press. Hal. 390-391.
- Aruoma, O. I. 1994. Free radicals and antioxidant strategies in sports. *J Nutr Biochem*. 5: 370-381.
- Aulton, M. E., 1988, *Pharmaceutics: The Science of Dosage Form Design*, New York: Churchill Livingstone.
- Best, B. *Mechanism Aging*. [http:// www. benbest. /lifeext/ aging. html](http://www.benbest./lifeext/aging.html), 15 februari 2015 pukul 19.50 WIB.
- Beswick, R.H., Dunn, D.J., 2002, *Plastics in Packaging*. Shrophshire: Rapra Technology, Ltd.
- Blois, M.S. 1958. Antioxidant determinations by the use of a stable free radical, *Nature*, 181: 1199-1200.
- Bondet, V., Brand-Williams, W. and Berset, C. 1997. Kinetics and mechanisms of antioxidant activity using the DPPH• free radical method, *Lebensmittel-Wissenschaft und -Technologie/Food Science and Technology*, 30: 609-615.
- BPOM RI. (2011). Peraturan Kepala Badan Pengawasan Obat dan Makanan Republik Indonesia Nomor HK 03.1.2.3.06.11.5629 tahun 2011 tentang Persyaratan Teknis Cara Pembuatan Obat Tradisional Yang Baik. Jakarta : Kepala BPOM.
- Brand-Williams, W., Cuvelier, M.E. and Berset, C. 1995. Use of a free radical method to evaluate antioxidant activity, *Lebensmittel-Wissenschaft und -Technologie/Food Science and Technology*, 28:25-30.
- Dawn B.M., Allan D.M., Smith C.M. 2000. *Biokimia Kedokteran Dasar : Sebuah Pendekatan Klinis*. Jakarta: EGC. Hal. 321-523.

- Dewi, I.D.A.D.Y., Astuti, K.W., Warditiani, N.K., 2013, *Skrining Fitokimia Ekstrak Etanol 96% Kulit Buah Manggis (Garcinia mangotana L.)*
- G O' mez-Alonso, S., Fregapane, G., Salvador, M.D. and Gordon, M.H. 2003. Changes in phenolic composition and antioxidant activity of virgin olive oil during frying, *J. Agric. Food Chem.*, 51: 667-672.
- Gordon, M.H., 1990, "The Mechanisme of Antioxidants Action in Vitro", editor: B.J.F. Hudson, *Food Antioxidants*, Elsivier Applied Science, London, 8.
- Green, R.J. (2004). *Antioxidant Activity of Peanut Plant Tissues*. Thesis. Noth Caroline State University: Department of Food Sciene, Raleigh.
- Gurav, S., N. Deshkar., V. Gulkari., N. Duragkar., A. Patil. (2007). Free Radical Scavengeng Activity of *Polygala Chinensis* Linn. *Pharmacologyline*, 2, 245-253.
- Hamzah, N., Ismail, I., Sandi, A.D.A., 2014, Pengaruh Emulgator Terhadap Aktivitas Antioksidan Krim Ekstrak Etanol Kelopak Bunga Rosella (*Hibiscus sabdariffa* L.), *Jurnal Kesehatan*, No.2, Vol.VII.
- Harry, Ralph G. 1973. *Harry's Cosmeticology*. Edisi Keenam. New York. Chemical Publishing Co., Inc. Hal: 103 – 109.
- Jordhiem, Monica., 2007, "Isolation Identification and Properties of Pyranoanthocyanins and Athocyanin Forms", University of Bergen, Norway.
- Kim, J.-K., Noh, J.H., Lee, S., Choi, J.S., Suh, H., Chung, H.Y., Song, Y.-O. and Choi, W.C. 2002. The first total synthesis of 2,3,6-tribromo-4,5-dihydroxybenzyl methyl ether (TDB) and its antioxidant activity, *Bull. Korean Chem. Soc.*, 23(5): 661-662.
- Lachman, L, Lieberman, H, A, dkk, 1994 *Teori dan Praktek Farmasi Industri*, Edisi III, Penerbit Universitas Indonesia, UI - Press, Jakarta.
- Lebeau, J., Furman, C., Bernier, J.-L., Duriez, P., Teissier, E. and Cotelle, N. 2000. Antioxidant properties of di-tert-butylhydroxylated flavonoids, *Free Radic. Biol. Med.*, 29(9): 900-912.
- Leitão, G.G., Leitão, S.G. and Vilegas, W. 2002. Quick preparative separation of natural naphthoquinones with antioxidant activity by high-speed counter-current chromatography, *Z.Naturforsch.*, 57c: 1051-1055.
- Liebermann, 1996, *Pharmaceutical Dosage Forms : Disperse Syastems Volume 2*, 415-425, Marcel Dekker, New York

- Lu, Y. and Foo, L.Y. 2000. Antioxidant and radical scavenging activities of polyphenols from apple pomace, *Food Chemistry*, 68: 81-85.
- Markakis. 2006. “*stabilization of anthocyanines*”. Compartement de couleur dans les vin rouge. *Ann Technol.Agr* 12: 247-257
- Miller, H., F. Rigelhof, L. Marquart, A. Prakash and M. Kanter, 2000, *Antioxidant Content of Whole Grain Breakfast Cereals, Fruits and Vegetables*, Journal of the American College of Nutrition.
- Moeksin, R., Ronald, S.H.P., 2009, Pengaruh Kondisi, Perlakuan dan Berat Sampel Terhadap Ekstraksi Antosianin Dari Kelopak Bunga Rosela Dengan Pelarut Aquadest dan Etanol, *Jurnal Teknologi Kimia*, Vol.16, No.4.
- Ogur, E., 2005, *Polyvinyl Alcohol : Materials, Processing and Applications*. United Kingdom : Smithers Rapra Technology.
- Prakash, A., 2001, *Antioxidant Activity*, Medallion Laboratories Analytical Progress
- Pratimasari, D. 2009. “Uji aktivitas penangkap radikal buah *Carica papaya* L. dengan metode dpph dan penetapan kadar fenolik serta flavonoid totalnya”. Fakultas Farmasi Universitas Muhammadiyah Surakarta.
- Roberts, L.J., Morrow, J.D. 2000. Measurement of F2 Isoprostanes as an Index of Oxidative Stress in Vivo. *Free Radical Biology and Medicine*, 28: 505-13.
- Rowe, R. C., P. J. Sheskey, dan M. E. Quinn. 2009. *Handbook of Pharmaceutical Excipients*. Sixth Edition. USA: Pharmaceutical Press. Pp. 326-329; 441-444; 592-594; 596-598.
- Sa'nchez-Moreno, C., Larrauri, J.A. and Saura-Calixto, F. 1999. Free radical scavenging capacity and inhibition of lipid oxidation of wines, grape juices and related polyphenolic constituents, *Food Res. Int.*, 32: 407-412.
- Santoso, Martha., Yuko Nata, Clement Angkawidjaja, Tomoko Yamaguchi, Teruyoshi Matoba, and Hithosi Takamura. 2010. *Antioxidant and DNA Damage Prevention Activities of the Edible Parts of *Gnetum gnemon* and Their Changes upon Heat Treatment*. *Food Sci. Technol. Res.*, 16(6), 549-556.
- Sastrohamidjojo, H. 1995. *Sintesis Bahan Alam*. Cetakan Pertama. Gadjah Mada University Press. Yogyakarta.

- Schwarz, K., Bertelsen, G., Nissen, L.R., Gardner, P.T., Heinonen, M.I., Hopia, A., Huynh-Ba, T., Lambelet, P., McPhail, D., Skibsted, L.H. and Tijburg, L. 2001. Investigation of plant extracts for the protection of processed foods against lipid oxidation. Comparison of antioxidant assays based on radical scavenging, lipid oxidation and analysis of the principal antioxidant compounds, *Eur. Food Res. Technol.*, 212: 319-328.
- Septiari, Ni Wayan Sasri., 2014, *Pengaruh Proporsi Puree Stroberi (Fragaria Vesca L.) Dan Tapioka Terhadap Kualitas Masker Wajah Tradisional*, *E-Journal* 3(1).
- Setiono, M.H., Dewi, A.A., 2013, Penentuan Jenis Solven dan Ph Optimum pada Analisis Senyawa Delphinidin Dalam Kelopak Bunga Rosella Dengan Metode Spektrofotometri Uv-Vis, *Jurnal Teknologi Kimia*, Vol.2, No.2.
- Sheftel., VO. 2000. *Indirect Food Additives and Polymer: Migration and Toxicology*. Boca Raton London New York Washington, DC: Lewis Publisher. Hal. 736-737, 1167-1169.
- Sonia G., Sayago-Ayerdi, Sara Arranz, Jose Serrano, and Isabel Goni, 2007, Dietary Fiber Content and Associated Antioxidant Compounds in Roselle Flower (*Hibiscus sabdariffa* Linn) Beverage. *Laporan penelitian*. Department of Nutrition, Faculty of Pharmacy, Universidad Complutense de Madrid, Spain.
- Suwandi, T. 2012. Pemberian ekstrak kelopak bunga rosella menurunkan malodialdehid pada tikus yang diberi minyak jelantah. Program Studi Ilmu Biomedik, Universitas Udayana, Denpasar.
- Suzey, M., Lestari, S., Cahyono, B., 2010, Penentuan Total Antosianin Dari Kelopka Bunga Rosella (*Hibiscus sabdariffa* L) Dengan Metode Maserasi dan Sokshletasi, *Jurnal Sains & Matematika*, No.1, Vol. 18.
- Swastika, A. N.S.P, Mufrod, Purwanto., 2013, *Antioxidant Activity Of Cream Dosage Form Tomato Extract (Solanum lycopersicum L.)*, *Traditional Medicine Journal* 18(3).
- Tanjong, A., 2011, Pengaruh Konsentrasi Ekstrak Kelopak Bunga Rosella (*Hibiscus Sabdariffa L*) Terhadap Koloni *Candida Albicans* yang Terdapat pada Plat Gigitiruan, *Skripsi*, Fakultas Kedokteran Gigi Universitas Hasanuddin, Makassar.
- Tranggono, R.I, Fatma Latifah. “*Buku Pengangan Ilmu Pengetahuan Kosmetik.*” Jakarta: PT. Gramedia Pustaka Utama, 2007.

- Usoh, I.F, Akfan, Etim, Farombi., 2005, Antioxidant Actions of Dried Flower Extract of *Hibiscus sabdariffa* L. On Sodium Arsenite - Induced Oxidative Stress in Rats, *Pakistan Journal of Nutrition* 4 (3), Hal 135-141.
- Winarsi, Hery., et al. 2007. *Antioksidan Alami dan Radikal Bebas : Potensi dan Aplikasinya Dalam Kesehata*, Kanisius, Yogyakarta,Indonesia.
- Zhu, Q.Y., Hackman, R.M., Ensunsa, J.L., Holt, R.R. and Keen, C.L. 2002. Antioxidative activities of oolong tea, *J. Agric. Food Chem.*, 50: 6929-6934.