

## DAFTAR PUSTAKA

- Agarry O, Olaleye MT, Bello M (2005). Comparative antimicrobial activities of Aloe vera gel and leaf. *Afr. J. Biotechnol.* 4(12):1413- 1414
- Ahmad, S.A, 1986, Kimia Organik Bahan Alam, Universitas Terbuka, Jakarta
- Ansel, H.C., 1989, *Pengantar Bentuk Sediaan Farmasi* Edisi Keempat, Penerbit Universitas Indonesia Press, Jakarta, 412-413
- Ashafa, A.O., Sunmonu, T.O., Abass, A.A., Ogbe, A.A., 2011, Laxative Potential of The Ethanolic Leaf Extract of *Aloe vera* (L.) Burm. F. in Wistar Rats With Loperamide-Induced Constipation, *J Nat Pharm*, Vol.2, pp 158-162.
- Astawan, M., Kasih, A. L., 2008, *Khasiat Warna-Warni Makanan*, Gramedia, Jakarta.
- Assunta, H., 2006, *Aloe vera*, Australian Pharmacist Journal, Australia, 25.
- Backer and Brink V.D., 1968, *Flora of Java vol. I-III* Wolters, Noordhoff, Groningen, Netherlands
- Balai Penelitian Tanaman Obat dan Obat Tradisional (Balittro), 2007, *Teknologi Penyiapan Simplisia Terstandar Tanaman Obat*, Balai Tanaman Obat dan Obat, Warta Puslitbangbun (13) 2.
- Barcroft, A., and Myskja, A., 2003, *Aloe vera Nature's Silent Healer*, BAAM Publishing Ltd, London.
- Blois, M.S., 1958, Antioxidant determinations by the use of a stable free radical, *Nature*, 181: 1199-1200.
- Chandan, B.K., Saxena, A.K., Shukla, S., Sharma, N., Gupta, D. K., Suri, K.A., Suri, J., Bhaduria, M., Singh, B., 2007, Hepatoprotective potential

- of *Aloe barbadensis Mill*, against carbon tetrachloride induced hepatotoxicity, *J. Ethnopharmacol.*, 111, 560-566.
- Clayton, Paul., 2008, *Health Defence*, Accelerated Learning Systems Ltd, United Kingdom.
- Cutler, S.J., Cutler, H., 2000, *Biologically Active Natural Products: Pharmaceuticals*, CRC Press. A, Boca Raton, 13-1; 92-73.
- Depkes, RI., 1995, *Farmakope Indonesia Edisi IV*, Departemen Kesehatan Republik Indonesia, Jakarta.
- Depkes, RI., 1986, *Sediaan Galenik*, Departemen Kesehatan Republik Indonesia, Jakarta, Halaman 10, 19, 21.
- Depkes, RI., 1979, *Farmakope Indonesia*, Edisi III, Departemen Kesehatan Republik Indonesia, Jakarta, 915-916.
- Depkes RI, 2000, *Parameter Standar Umum Ekstrak Tumbuhan Obat*, Cetakan Pertama, Departemen Kesehatan Republik Indonesia, Jakarta, 11.
- Dachriyanus, 2004, *Analisis Struktur Senyawa Organik Secara Spektroskopi*, Andalas University Press, Padang.
- Enas, A.K.M., 2011, Antidiabetic, Anthypercholatermic and Antioxidative Effect of *Aloe vera* Gel Extract in Alloxan Induced Diabetic Rats, *Australian Journal of basic and Applied Sciences*, 5 (II), 1321-1327
- Fessenden, R. J., dan Fessenden J.S., 1986, *Kimia Organik*, diterjemahkan oleh Pudjaatmaka, A.H., Erlangga. Jakarta.
- Furnawanithi, I. 2002, *Khasiat dan manfaat lidah buaya*, Jakarta, Agromedia Pustaka, Hal 1-50.
- Ghasemzadeh, Ali., Jaafari, Hawa Z.E., Rahmat, Asmah, 2011, Effects of solvent type on phenolics and flavonoids content and antioxidant activities in two varieties of young ginger (*Zingiber officinale* Roscoe) extracts, *Journal of Medicinal Plants Research*, 5(7), 1147-1154
- Gharavi,N., S., Sel- kadi, A.D.S., 2007, Chemoprotective and Carcinogenic Effects of ter-Butylhydroquinone and Its Metabolites, *Current Drug Metabolism*, 8, 1-7

- Ginting, B., barus, T., Marpaung, L., Simanjuntak, P., 2013, Isolasi dan Penentuan Antioksidan Total Alkaloid Daun Pala (*Myristica fragrans* Houtt), *prosiding SNYuBe*.
- Gunawan, D., dan Mulyani, S., 2004, *Ilmu Obat Alam (Farmakognosi)*, Jilid I, Cetakan I, Penebar Swadaya, Jakarta, 12-13.
- Hanani, E., A. Mun'im dan R. Sekarini, 2005, Identifikasi Senyawa Antioksidan dalam Spons *Callyspongia* sp. dari Kepulauan Seribu, *Majalah Ilmu*
- Halliwell and Gutteridge., 2000, *Free Radical In Biology And Medicine*, Oxford University Press, London.
- Harborne, J.B., 1987, *Metode Fitokimia*. Penerjemah Kosasih Padmawinata dan Iwan Sudiro. Cetakan Kedua. Bandung ITB. Halaman 69-76, 102-104
- Hellmut, J., 1990, *Thin Layer Chromatography Reagents and Detection Methods*, Vol. 1a, 401.
- Hoelz,L.V.B., Horta, B.A.C., Araojos J.Q., Albuquerque,M.G., Alencastro, R.B., Silva, J.S.M., 2001, Quantitative Structure Activity Relationship of Antioxidant Phenolic Coumpound, *J.Chen. Pharm. Res.*, 2(5), 291-306
- Iloki-Assanga, S.B., Lewis-Luján, L.M., Lara-Espinoza, C.L., Gil-Salido A.A., Fernandez-Angulo, A., Rubio-Pino, J.L., Haines, D.D., 2015, Solvent effects on phytochemical constituent profiles and antioxidant activities, using four different extraction formulations for analysis of *Bucida buceras* L. and *Phoradendron californicum*, *BMC Research Notes*, 8:396
- Janeiro,P.,Brett, A.MO.,2004, Cathecin Electrochemical Oxidation Mechanism, *Analytica Chimia Acta*, 518, 109-115

- Kumalaningsih, S., 2006, *Antioksidan Alami Penangkal Radikal Bebas, Sumber, Manfaat, Cara Penyediaan dan Pengolahan*, Trubus Agrisarana, Surabaya.
- Lee. K. W., Kim YJ., Lee CY., 2003, Cocoa Has More Phenolic Phytochemical and A Higher Antioxidant Capacity than Teas and Res Wine, *J Agric Food Chem*, 51(25), 7292-7295
- Lestari, F., 2007, *Bahaya Kimia: Sampling dan Pengukuran Kontaminan Kimia di Udara*, Buku Kedokteran EGC, Jakarta, 559-560.
- Lenny, S. 1996. Senyawa Flavonoida, Fenil Propanoida dan alkaloida. USU.Medan.
- Lisdawati, V dan Kardono, L.B.S., 2006, Antioksidan dari Berbagai Fraksi Ekstrak Daging Buah dan Kulit Biji Mahkota Dewa (*Phaleria marocarpa*), *Media Litbang Kesehatan*, XVI-4
- Markham, R.K., 1998, *Cara Mengidentifikasi Flavonoid*, diterjemahkan oleh Kosasih Padmawinata, ITB, Bandung, 1, 3-5, 34.
- Meydani SN, Wu D, Santos MS, Hayek MG. 1995. Antioxidants and immune response in aged persons: Overview of present evidence. *Am J Clinl Nutr*, 62 (6 Suppl): 1462S.
- Molyneux, P., 2004, The Use of The Stable Free Radical Diphenylpicrylhydrazyl (DPPH) for Estimating Antioxidant Activity, *Songklanakarin J. Sci.Techol*, 26 (2), 211-219.
- Mursito, B., 2002, *Ramuan Tradisional Untuk Kesehatan Anak*, Penebar Swadaya, Jakarta,7.
- Moniruzzaman, M., Rokeya, B., Ahmed, S., Bhowmik, A., Khalil, I., Gan, S.H., 2012, In Vitro Antioxidant Effects of Aloe barbadensis Miller Extracts and the Potential Role of These Extracts as Antidiabetic

- and Antilipidemic Agents on Streptozotocin-Induced Type 2 Diabetic Model Rats, *Molecules*, 17, 12851-12867.
- Okawa, M., Kinjo, J., Nohara, T., Ono, M., 2001, Modification Method DPPH (2,2-difenil-1-pikrilhidrazil) Radical Scavenging Activity Of Flavonoids Obtained From Some Medicinal Plants, *Biol. Pharm. Bull.*, 24 (10), 1202-1205.
- Pecsok, R, et al, 1976, *Modern Methods of Chemical Analysis*, 2<sup>nd</sup> edition, John Wiley and Sons Inc, London, 243-262.
- Prahesti, Nike Rizky., Suzery, Meiny., and Cahyono, Bambang, 2015, The Antioxidant Activities Phenolic Total and Cytotoxicity of Extrac and Fractions of Aloe vera Linn, *Jurnal Sains dan Matematika*, 23(2),50-54.
- Rahardja, F., Puradisastra, S., dan Angelin, A. 2010, Aktivitas Antimikroba Gel Lidah Buaya (*Aloe Vera L.*) pada *Acne Vulgaris* yang Terinfeksi *Staphylococcus sp.* Secara In Vitro, *JKM*, Vol.10 No.1, Hal. 30-6.
- Raphael, E., 2012, Phytochemical constituents of some leaves extract of Aloe vera and Azadirachta indica plant species, *Global Advanced Research Journal of Environmental Science and Toxicology*, 1(2), 014-017
- Riwidikdo, H, 2010, *Statistik Kesehatan*, Mitra Cendekia , Yogyakarta
- Robinson, T.,1995, *Kandungan Kimia Organik Tumbuhan Tinggi*, diterjemahkan oeh Padmawinata, K., esidi 6, ITB, Bandung.
- Rohman, A., 2009, *Kromatografi untuk Analisis Obat*, Edisi pertama, Graha Ilmu, Yogyakarta, 30-32, 45-49.
- Sayuti, Kusumua., dan Yenria, Rina.,2015, Antioksidan Alami dan Sintetik, Universitas Andalas, Padang.

- Sabeh, F., Wright, T., Norton, S.J., 1993, Purification and characterization of glutathione peroxidase and isozymes of superoxide dismutase from Aloe vera plant, *Enzyme Protein*, 47, 92–98
- Shahidi, F., dan Wanasundara, U.N., 2002, *Methods For Measuring Oxidative Rancidity in Fats and Oils*, Marcel Dekker Inc, New York.
- Sastrohamidjojo, H., 2007. *Kromatografi*, Universitas Gadjah Mada Press, Yogyakarta.
- Sembiring, B.Br., Ma'mun dan Ginting, E.I., 2007, Pengaruh Kehalusan Bahan dan Lama Ekstraksi terhadap Mutu Ekstrak Temulawak (*Curcuma xanthorrhiza*, Roxb.), *Buletin Penelitian Tanaman Rempah dan Obat*, 17(2): 53-58
- Spencer, N.D., 1988, Direct Oxidation of Methane, *Journal of Catalysis*.
- Sudjadi, 2007, *Metode Pemisahan*, Pustaka Pelajar, Yogyakarta, 27;220-255;353-362
- Suhendar, S, 2007, *Model Pengembangan Agribisnis, Komoditi Lidah Buaya*, Kementrian Negara Koperaso dan UKM, Jakarta
- Sumbul S, Waseemuddin A, Iqbal A (2004). Antifungal activity of Allium, Aloe, and Solanum species. *Pharm. Biol.* 42:491-498.
- Suhartono, E., Fachir, H., Setiawan, B., 2007, *Kapita Sketsa Biokimia Stres Oksidatif Dasar dan Penyakit*, Pustaka Benua, Banjarmasin.
- Soewoto, H., 2001, *Antioksidan Eksoge Sebagai Lini Pertahanan Kedua dalam Menanggulangi Peran Radikal Bebas*, Bagian Biokimia Fakultas Kedokteran UI, Jakarta.
- Swagasta Das., Biswajit M., Kamaldeep Gill., Saqib A, Abhy K.S., Sinha M., Sujata S., Xess, Sighn., Dey, 2011, Isolation and Characterization of Novel Protein with Antifungal and Antiinflammatory Properties from Aloe vera leaf gel. *International Journal of Biological Macromolecules*, 48(1), 38-43

- Szent-Györgyi, Albert, 1937, *The Nobel Prize in Physiology of Medicine*, dalam Fernandes, D., 2006, Vitamin C, Stanfort University, Stanfort, 211-214.
- Tjay, T.H., dan Raharja, K., 2010, *Obat-obat Penting, Khasiat, Penggunaan dan Efek-sampingnya, Edisi, VI*, 643, PT. Elex Media Komputindo Kelompok Gramedia, Jakarta.
- Thompson, E. B. 1985. *Drug Bioscreening. America*: Graceway Publishing Company, Inc. Pp. 40, 118.
- Vazquez, B., Avila, G., Segura, D., Escalante, B., 1996, Antiinflammatory activity of extracts from Aloe vera gel, *J. Ethnopharmacol*, 55, 69-75.
- Voigt, R., 1994, *Buku Pelajaran Teknologi Farmasi*, diterjemahkan oleh Soendari, N.S., Gadjah Mada University Press, Yogyakarta.
- Wahjono E, Koesnandar, 2012, *Mengebunkah Lidah Buaya Secara Intensif*, PT. Aromodia Pustaka, Jakarta, 1-13.
- Wagner, H., and Bladt, S., 1984, *Plant Drugs Analysis A Thin Layer Chromatography Atlas second edition*. New York: Springer Verlag Berlin Heidenberg
- Winarsi, H., 2007, *Antioksidan Alami & Radikal Bebas*, Kanisius, Yogyakarta, 12-15, 77-80, 185.
- Yanuwar, W., 2002, *Aktivitas Antioksidan dan Immunomodulator Serealia Non-Beras*, Institut Pertanian Bogor, Bogor.
- Youngson, R., 2005, *Antioksidan: Manfaat Vitamin C & E Bagi Kesehatan*, cetakan I, Arcan, Jakarta, 1-2, 19-20, 82-83