

## **DAFTAR PUSTAKA**

- Ahmed, J., U.S. Shivhare, dan G.S.V. Raghavan. 2004. Thermal Degradation Kinetics of Anthocyanin and Visual Colour of Plum Puree. *Journal European Food Research and Technology*. 218: 525-528.
- AOAC. 1970. Official Methods of Analysis 11th edition. *Association of Official Analytical Chemist Inc.* Washington,D.C.
- Asen, S., R.N. Stewart dan K.H. Norris. 1972. Copigmentation of Anthocyanins in Plant Tissues and Its effect on Color. *Journal of Phytochemistry*. 11: 1139-1144.
- Astawan, M. dan Kasih, A.L. 1997. *Khasiat Warna-Warni Makanan*. PT. Gramedia Pustaka Utama. Jakarta
- Bakowska, A., A.Z. Kucharska, dan J. Oszmianski. 2003. The Effects of Heating, UV Irradiation, and Storage on Stability of the Anthocyanin-Polyphenol Copigment Complex. *Journal of Food Chemistry*. 81 (3) : 349-355.
- Boulton, R. 2001. The Copigmentation of Anthocyanins and Its Role in the Color of Red Wine: A Critical Review. *Journal Enology and Viticulture*. USA. 52 (2): 67-81 hlm.
- Brat, P., F. Tourniaire dan M.J.A. Carlin. 2008. Stability and Analysis of Phenolic Pigments. Di dalam *Food Colorants*. C. Socaciu (ed.). CRC Press, Boca Raton.
- Brenes, C.H., D. Del Pozo-Insfran, and S.T. Talcott. 2005. Stability of Copigmented Anthocyanins and Ascorbic Acid in a Grape Juice Model System. *Journal of Agricultural and Food Chemistry*. 53: 49-56.
- Brouillard, R. 1982. *Chemical Structure of Anthocyanin*. Academic Press. New York. 293 pp.
- Castaneda - Ovando, A., M. L. Pacheco-Hernandez, M. E. Paez-Hernandez, J. A. Rodriguez and C.A. Galan-Vidal. 2009. Chemical Studies of Anthocyanins: A Review. *Food Chemistry*. 113 (4) : 859-871.

- Damodaran, S., K.L. Parkin and O. R. Fennema. 2008. *Food Chemistry*. CRC Press. Boca Raton. New York. 51 pp.
- Dangles, O., N. Saito, R. Brouillard. 1993. Anthocyanin Intramolecular Copigment Effect. . *Journal of Phytochemistry*. 34: 119-124.
- Diniyah, N., T. Susanto, dan F. Choirunnisa. 2010. Uji Stabilitas Antosianin pada Kulit Terung. *Jurnal Agrotechno*. 1: 9.
- Eiro, M.J. and M. Heinonen. 2002. Anthocyanin Color Behavior and Stability during Storage: Effect of Intermolecular Copigmentation. *Journal of Agricultural and Food Chemistry*. 50: 7461-7466.
- Elbe J.H. and Schwartz S.J. 1996. Colorants. Di dalam O.R. Fenema (Ed). *Food Chemistry*. 2nd ed. Marcel Dekker, Inc. New York. 651–722.
- Fennema, O.R. 1976. *Food Chemistry*, 1st ed. Marcel Dekker. New York.
- Francis, F. J. 1982. Analysis of Anthocyanin. Di dalam P. Markakis (Ed). *Anthocyanin as Food Colors*. Academic Press. New York. 293 hlm.
- Gao, L. and G. Mazza. 1996. Extraction of Anthocyanin Pigments from Purple Sun Flower Hulls. *Journal of Food Science*. 61: 600-603.
- Giusti, M.M. and R. E. Wrolstad. 2001. Characterization and Measurement of Anthocyanins by UV-Visible Spectroscopy Unit F1.2 in Current Protocols. *Food Analytical Chemistry*. John Wiley and Sons, Inc. New York.
- Hagerman A.E., C.T. Robbins, Y. Weerasuriya, T.C. Wilson, and C. Mcarthur 1992. Tannin Chemistry In Relation To Digestion. *Journal of Range Management*. 45: 57-62
- Hanum, T. 2000. Ekstraksi dan Stabilitas Zat Pewarna Alam dari Katul Ketan Hitam. *Buletin Teknologi dan Industri Pangan*. 11:17-23.
- Harborne, J. B. 1967. *Anthocyanins as Food Colors*. Academic Press. New York.
- Heatherbell, D.A., M.S. Reid, R.E. Wrolstad. 1982. The Tamarillo : Chemical Composition during Growth and Maturation. *Journal of Science*. 25: 239-243
- IARC. 1977. *IARC-Monographs Programme on the Evaluation of the Carcinogenic Risk of Chemicals to Humans*. Preamble (IARC intern. tech. Rep. No. 77/002).

- Jackman, R.L. dan J.L. Smith. 1996. Anthocyanins and Betalanins. Di dalam G. A. F. Hendry dan J. D. Houghton (Eds). *Natural Food Colorants*. Blackie Academic & Professional. London. U.K. 244-280.
- Jenie, B.S.L., Helianti, dan S. Fardiaz. 1994. Pemanfaatan Ampas Tahu, Onggok dan Dedak untuk Produksi Pigmen Merah oleh *Monascus purpureus*. *Buletin Teknologi dan Industri Pangan*. 5 (2): 22-29.
- Khusna, A. 2009. Stabilitas Warna Antosianin Rosella (*Hibiscus sabdariffa L.*) Selama Penyimpanan dengan Metode Kopigmentasi. (Skripsi). Universitas Brawijaya. Malang
- Kopjar, M. and V. Pilizota. 2009. Copigmentation effect of Phenolic Compounds on Red Currant Juice Anthocyanins during Storage. *Journal of Food Science Technology*. 1(2) 16-20.
- Lee, J., R.W. Durst, and R.E. Wrolstad. 2002. Impact of Juice Processing on Blueberry Anthocyanins and Polyphenolics: Comparison of Two Pretreatments. *Journal of Food Science*. 67 (5): 1660-1667.
- Mahkamah, S. 2004. Perbandingan Stabilitas Panas Ekstrak Antosianin Katul Beras Ketan Hitam (*Oryza sativa glutinosa*) dan Tanaman Hati Ungu (*Tradescantia pallida*). (Skripsi). Fakultas Pertanian. Universitas Lampung. 32 hlm.
- Mandal, P and M. Ghosal. 2012. Antioxidant Activities of Different Parts Of Tree Tomato Fruit (*Cyphomandra betacea*(Cav.) Sendtn. *International Journal of Pharmaceutical Sciences Review and Research*. ISSN 0976-044 (3-2).
- Markakis, P. 1982. Anthocyanins as Food Additives. Di dalam Markakis, P. (Ed). *Anthocyanin as Food Colors*. Academic Press. New York. 293 pp.
- Markham, K.R.. 1988. *Cara Mengidentifikasi Flavonoid*. Diterjemahkan oleh Kosasih Padmawinata. Penerbit ITB. Bandung. 42-47 hlm.
- Mateus, N. and V. de Freitas. 2009. Anthocyanins as Food Colorants. Di dalam Gould, K., Davies, K., Winefield, C. (Eds). *Anthocyanins. Biosynthesis, Functions, and Applications*. Springer. New York.
- Mazza, G., dan R. Brouillard. 1990. The mechanism of co-pigmentation of anthocyanins in aqueous solutions. *Journal of Phytochemistry*. 29: 1097–1102.
- Metivier, R.P., F.J. Francis and F.M. Clydesdale. 1980. Solvent Extraction of Anthocyanin from Wine Pomace. *Journal of Food Science*. 45:1099-1100.

- Morton, J. 1987. Tree Tomato. Di dalam Julia F. Morton (Ed). *Fruits of Warm Climates*. Miami, FL. 437–440.
- Ozela, E.F., P.C.Stringheta., and M.C. Chauca. 2007. Stability of Anthocyanin in spinach vine (*Basella rubra*) Fruit. *Journal of Investigation Agriculture*. 34 (2): 115-20.
- Pudjaatmaka, A.H. 2002. *Kamus Kimia*. Balai Pustaka. Jakarta.
- Rein, M. 2005. *Copigmentation Reactions and Color Stability of Berry Anthocyanin*. University of Helsinki. Finland.
- Rein, M. and M. Heinonen. 2004. Stability and Enchancement of Berry Juice Color. *Journal of Agricultural and Food Chemistry*. 52 (25): 3106-3114
- Scheffeldt, P, dan G. Hrazdina. 1978. Copigmentation of anthocyanins under physiological conditions. *Journal of Food Science*. 43:517-520.
- Schwarz, M., J. Picazo-Bacete, P. Winterhalter, and I. Hermosin-Gutierrez. 2005. Effect of Copigments and Grape Cultivar on the Color of Red Wines Fermented After Addition of Copigments. *Journal of Agricultural and Food Chemistry*. 53: 8372-8381.
- Sembiring, L.R. 2013. Pemanfaatan Ekstrak Terong Belanda (*Cyphomandra Betacea* Sendtn) Sebagai Pewarna Alami Es Krim. <http://ejournal.uajy.ac.id/id/eprint.4373>
- Shi, Z., F.J. Francis, dan H. Daun. 1992. Quantitative Comparison of the Stability of Anthocyanins from *Brassica oleracea* and *Tradescantia pallida* in Non-sugar Drink Model and Protein Model System. *Journal of Food Science*. 57: 768-770
- Silaban, S.D., E. Prihastanti dan E. Saptiningsih. 2013. Pengaruh Suhu dan Lama Penyimpanan Terhadap Kandungan Total Asam, Kadar Gula serta Kematangan Buah Terung Belanda (*Cyphomandra betacea* Sendtn). *Buletin Anatomi dan Fisiologi*. 21(1). FSM Universitas Diponegoro.
- Steel, R.G.D and J.H. Torrie. 1995. *Prinsip dan Prosedur Statistika - Suatu Pendekatan Biometrik*. PT. Gramedia Pustaka Utama. Jakarta.
- Subodro, R. dan Sunaryo. 2013. Ekstraksi Pewarna Bahan Antosianin Kulit Terong Ungu Sebagai Pewarna Alami pada Sel Surya Dye *Dye-Sensitized Solar Cell* (Dssc). *Jurnal Politeknosain*. XI (2): 74-83.
- Sudarmadji, S, Haryono. B dan Suhardi. 1997. *Prosedur Analisa Untuk Bahan Makanan dan Pertanian*. Penerbit Liberty. Yogykarta. 54-56 hlm.

- Talcott S.T., C.H. Brenes., D.M. Pires., and D. Del Pozo-Insfran. 2003. Phytochemical Stability and Color Retention of Copigmented and Processed Muscadine Grape Juice. *Journal of Agricultural and Food Chemistry*. 51: 957-963.
- Talcott S.T., C.H. Brenes, Del Follo-Martinez and D. Del Pozo-Insfran. 2007. Stability of copigmented Anthocyanins and ascorbic acid in muscadine grape juice processed by high hydrostatic pressure. *Journal of Food Science*. 72 : 247-253.
- Utomo, E.P. 1992. Isolasi dan Identifikasi Pigmen Antosianindari Kulit Buah Anggur serta Mempelajari Pengaruh pH terhadap Stabilitas Warna dan Strukturnya. (Tesis). Universitas Gajah Mada. Yogyakarta.
- Wilska-Jeszka, J. 2007. Food colorants. Z. E. Sikorski (Ed). *Chemical and Functional Properties of Food Components*. Boca Raton : CRC Press.
- Wrolstad, R.E. and D.A. Heatherbell. 1974. Identification of anthocyanins and distribution of flavonoids in tamarillo fruit (*Cyphomandra betaceae* (Cav.) Sendt.). *Journal of the Science of Food and Agriculture*. 25:1221-1228.
- Yuwono, S.S. dan F. Choirunnisa. 2009. Stabilisasi Warna Antosianin Rosella (*Hibiscus Sabdariffa* L.) Selama Penyimpanan Dengan Metode Kopigmentasi. Kajian Pengaruh pH Media dan Konsentrasi Tanin. Universitas Brawijaya.
- Zulfadli. 1989. Uji Mikrobiologi Ekstrak Daun dan Ranting Uncaria Gambir Roxb dibuat Secara Tradisional terhadap beberapa Bakteri Penyebab Diare secara Invitro. *Jurnal F-MIPA*. Universitas Andalas.