

BAB IV

KESIMPULAN DAN SARAN

4.1 Kesimpulan

1. Kelopak Bunga Rosella (*Hibiscus sabdariffa L*) dapat digunakan pada pembuatan manisan berserat
2. Serat pangan yang tidak larut dalam air pada manisan kering kelopak bunga rosella dapat mencegah gangguan pencernaan pada manusia.
3. Penggunaan pemanis baik sukrosa maupun madu akan menyebabkan ketidakstabilan pigmen antosianin pada rosella.

4.2 Saran

1. Perlu dilakukan penelitian tentang sifat organoleptik manisan kering bunga rosella (*Hibiscus sabdariffa L*).
2. Perlu dilakukan penelitian mengenai jumlah serat yang terkandung dalam manisan kering kelopak bunga rosella (*Hibiscus sabdariffa L*).
3. Perlu dilakukan penelitian mengenai bagaimana cara menstabilkan pigmen antosianin pada rosella dalam pembuatan manisan kering rosella.

DAFTAR PUSTAKA

- Anonimus. 2004. *Kelopak Merah Penolak Kanker.* <http://www.ugm.ac.id/> (17 September 2009)
- Anonimus. 2007. *Sukrosa.* <http://wikipedia.org/wiki/Sukrosa> (19 September 2009)
- Anonimus. 2008. *Rosella tea, minuman istana yang akan popular.* <http://www.jobislands.com/2008/05/rose-tea-minuman-istana-yang-akan.html> (19 September 2009)
- Arranz Sara, dkk. 2007. *Dietary Fiber Content and Associated Antioxidant Compounds in Roselle Flower (Hibiscus Sabdariffa L.) Beverage.* J Agric Food Chem: 7886-7890
- Chumsri, P. 2008. *Studies on The Optimum Condition for Extraction and Concentration of Roselle (Hibiscus sabdariffa Linn.) Extract.* J. Sci. Technol. 30(1), 133-139
- Duangmal, Kiattisak. 2004. Colour Appearance of Fruit Juice by Vitamin C. J. Sci Tech 121-124
- Duangmal, Kiattisak. 2004. *Roselle Anthocyanins as a Natural Food Colorant and Improvement of its Colour Stability.* J. Sci Tech 155-158
- Entri. 2007. *Rosella.* <http://rosellakita.blogspot.com> (20 September 2009)
- Holcroft, M. 1997. *Changes in Strawberry Anthocyanin and Other Polyphenols in Response to Carbon Dioxide Treatments.* J Agric Food Chem: 1662-1667

- Nikkah, E. 2007. *Effect of Sugar Treatment on Stability of Anthocyanin Pigmen in Berries.* J Bio Sci 7(8): 1412-1417
- Pearson, C. 2008. *Bunga Rosella Merah.* <http://carcade.wordpress.com> (21 September 2009)
- Poei-Langston MS, Wrolstad RE. 1981. *Color degradation in an ascorbic acid-anthocyanin-flavanol model system.* J Food Sci 46: 1218, 1222, 1236.
- Rein, Maarit. 2005. *Copigmentation reactions and color stability of berry anthocyanins.* University of Helsinki, Department of Applied Chemistry and Microbiology.
- Rienkaryanty. 2008. *Rosella, Bunga Wangi Kaya Manfaat.* <http://tehmerahrosella.wordpress.com> (21 September 2009)
- Trubuson. 2007. *Kelopak Merah Penolak Kanker.* Available at: http://darfaherba.blogspot.com/2007_12_01_archive.html
- Tsai, P. J., Hsieh Y.Y. dan Huang, T.C. 2004. *Effect of Sugar Anthocyanin Degradation and Water Mobility in a Roselle Anthocyanin Model System Using ¹⁷O NMR.* J Agric Food Chem: 30097-3099
- Wrolstad, R. E., dkk. 2005. *Tracking Color and Pigment Cahnges in Anthocyanin Products.* Trends in Food Sci. and Tech. 16 (2005): 423-428
- Mourtzinos, I. 2008. *Thermal Stability of Anthocyanin Extract of Hibiscus sabdariffa L. in the Presence of β-Cyclodextrin.* J Agric Food Chem: 10303-10310