

## 6. DAFTAR PUSTAKA

Akoy, El-Amin O. M.; D.Von Hörsten; dan W. Luecke. (2008). Drying Kinetics and Colour Change of Mango Slices as Affected by Drying Temperature and Time.

Andarwulan, N dan S. Koswara. (1992). Kimia Vitamin. Rajawali. Jakarta.

AOAC. (1995). Official Methods of Analysis. Ascorbic Acid in Vitamin Preparations and Juices. Vitamin and other nutrient. Chapter 45 p. 16.

Barrett, D. M.; E.L. Garcia; G. F. Russell; E. Ramirez; dan A. Shirazi. (2000). Blanch Time and Cultivar Effects on Quality of Frozen and Stored Corn and Broccoli. Journal of Food Science Vol. 65, No. 3 : 534-540.

Bourne, M.C. (2002). Food Texture and Viscosity Concept and Measurement 2<sup>nd</sup> Edition. Academic Press. New York.

Brand-Williams, W.; M. E. Cuvelier; dan C. Berset. (1995). Use of a Free Radical Method to Evaluate Antioxidant Activity.

Chipurura, B.; M. Muchuweti; dan F. Manditseraa. (2010). Effects of Thermal Treatment on the Phenolic Content and Antioxidant Activity of Some Vegetables. Asian Journal of Clinical Nutrition 2 (3): 93-100.

deMan, J.M. (1997). Kimia Makanan (Terjemahan oleh Padmawinata). Edisi Kedua. ITB. Bandung.

Fellows, P. (2000). Food Processing Technology Principles and Practice, Second Edition. Woodhead Publishing Limited. England.

Fennema, O. R. (1985). Food Chemistry: second edition revised and expanded. Marcel Dekker, Inc. New York, USA.

Gawlik-Dziki, U. (2008). Effect of Hydrothermal Treatment on the Antioxidant Properties of Broccoli (*Brassica oleracea* var. *botrytis italica*) florets. Food Chemistry 109 : 393-401.

Howard, L. A.; A. D. Wong; A. K. Perry; dan B. P. Klein. (1999).  $\beta$ -Carotene and Ascorbic Acid Retention in Fresh and Processed Vegetables. Journal of Food Science Vol. 64, No. 5 : 929-936.

Jones, R. D.; J.D. Faragher; dan S. Winkler. (2006). A review of the Influence of Postharvest Treatments on Quality and Glucosinolate Content in Broccoli (*Brassica oleracea* var. *Italica*) heads. *Postharvest Biology and Technology* 41 :1-8.

Klein, B. P. dan A. C. Kurilich. (2000). Processing Effects on Dietary Antioxidants from Plants Food. *HortScience* Vol. 35 (4) : 580-584.

Lee, S. K. dan A. A. Kader. (2000). Preharvest and Postharvest Factors Influencing Vitamin C Content of Horticultural Crops. *Postharvest Biology and Technology* 20 : 207-220.

Lin, C. H. dan C. Y. Chang. (2005). Textural change and antioxidant properties of broccolli under different cooking treatments. *Journal of Food Chemistry* 90: 9-15.

MacDougall, D. B. (2002). *Colour in Food : Improving Quality*. Woodhead Publishing Limited Cambridge. England.

Miglio, C.; E. Chiavaro; A. Visconti; V. Fogliano; dan N. Pellegrini. (2008). Effects of Different Cooking Methods on Nutritional and Physicochemical Characteristic of Selected Vegetables. *Agricultural and Food Chemistry* 56:139-147.

Miliauskas, G.; P. R. Venskutonis; dan T. A. van Beek. (2003). Screening of Radical Scavenging Activity of Some Medicinal and Aromatic Plant Extracts. *Food Chemistry* 85 : 231-237.

Minolta Co., Ltd. (1998). *Precise Color Communication*. Minolta Co., Ltd.

Montero, C. R. S.; L. L. Schwarz; L. C. dos Santos; C. S. Andrezza; C. P. Kechinski; dan R. J. Bender. (2000). Postharvest Mechanical Damage Affects Fruit Quality of 'Montenegrina' and 'Rainha' Tangerines. *Pesq. Agropec Brasilia*. Vol. 44 : 1636-1640.

National Institute for Health and Welfare. (2011). Broccoli.  
[Http://www.fineli.fi/food.php?foodid=324&lang=en](http://www.fineli.fi/food.php?foodid=324&lang=en)

Novary, Eti Widayati. (1997). *Penanganan & Pengolahan Sayuran Segar*. PT Penebar Swadaya. Jakarta.

Patras, A.; B. K. Tiwari; dan N. P. Brunton. (2011). Influence of Blanching and Low Temperature Preservation Strategies on Antioxidant Activity and Phytochemical Content of Carrots, Green Beans and Broccoli. *Food Science and Technology* 44 : 299-306.

Podsedeck, A. (2007). Natural Antioxidants and Antioxidant Capacity of Brassica Vegetables : A Review. LWT 40 : 1-11.

Podsedeck, A.; D. Sosnowska; M. Redzynia; dan M. Koziolkiewicz. (2008). Effect of Domestic Cooking on the Red Cabbage Hydrophilic Antioxidants. International Journal of Food Science and Technology 43: 1770-1777.

Rosenthal, A. J. (1999). Food Texture: Measurement and Preception. Aspen Publication. Maryland.

Roy, M. K.; L. R. Juneja; S. Isobe; dan T. Tsushida. (2009). Steam Processed Broccoli (*Brassica oleracea*) Has Higher Antioxidant Activity in Chemical and Cellular Assay Systems. Food Chemistry 114 : 263-269.

Rungapamestry, V.; A. J. Duncan; Z. Fuller; dan B. Ratcliffe. (2007). Influence of Blanching and Freezing Broccoli (*Brassica oleracea* var. *Italica*) Prior to Storage and Cooking on Glucosinolate Concentrations and Myrosinase Activity. European Food Research and Technology. Vol. 227, No. 1 : 37-44.

Safaryani, N. ; S. Haryanti; dan E. D. Hastuti. (2007). Pengaruh Suhu dan Lama Penyimpanan terhadap Penurunan Kadar Vitamin C Brokoli (*Brassica oleracea* L.). Buletin Anatomi dan Fisiologi. Vol. XV, No. 2 : 39-46.

Singh, J.; A. K. Upadhyay; K. Prasad; A. Bahadur; dan M. Rai. (2007). Variability of Carotens, Vitamin C, E and Phenolics in *Brassica* Vegetables. Journal of Food Composition and Analysis 20 : 106-112.

Singh, R. P. dan R. Heldman. (2001). Introduction to food Engineering. 3rd Edition. Academic Press. Glasgow.

Swiglio-Gliszczyńska, A.; E. Ciska; K. Pawlak-Lemanska; J. Chmielewski; T. Borkowski; dan B. Tyrakowska. (2006). Changes in the Content of Health-Promoting Compounds and Antioxidant Activity of Broccoli after Domestic Processing. Food Additives and Contaminants. 23 (11) : 1088-1098.

Tosun, B. N. dan S. Yucesan. (2007). Influence of Home Freezing and Storage on Vitamin C Contents of Some Vegetables. Pakistan Journal of Nutrition 6 (5) : 472-477.

Volden, J.; G. I. A. Borge; M. Hansen; T. Wicklund; dan G. B. Bengtsson. (2008). Processing (Blanching, Boiling, Steaming) Effect on The Content of Glucosinolates and Antioxidant-Related Parameters in Cauliflower (*Brassica oleracea* L ssp. *botrytis*). Food Science and Technology 42: 63-73.

Volden, J.; G. B. Bengtsson; dan T. Wicklund. (2009). Glucosinolates, L-Ascorbic acid, total phenols, anthocyanins, antioxidant capacities and colour in cauliflower (*Brassica oleracea* L. ssp. *botrytis*); effects of long-term freezer storage. *Journal of Food Chemistry* 112: 967-976.

Winarno, F. G.; S. Fardiaz; dan D. Fardiaz. (1980). *Pengantar Teknologi Pangan*. PT. Gramedia Pustaka Utama. Jakarta.

Yuan, Gao-feng; B. Sun; J. Yuan; dan Qiao-mei Wang. (2009). Effects of Different Cooking Methods on Health-Promoting Compounds of Broccoli. *Journal of Zhejiang University Science B* 10 (8) : 580-588.

Zhang, D. dan Y. Hamazu. (2004). Phenolics, ascorbic acid, carotenoids, and antioxidant activity of broccoli and their changes during conventional and microwave cooking. *Journal of Food Chemistry* 88: 503-509.

