

References

- Anonymous. 1996. The International Carotenoid Society. Carotenoid. [Online]. Available on: <http://www.carotenoidsociety.org/carotenoids/fcarotenoids.html>. [2006, August 15].
- Anonymous. 2000. Citrus: It Only Begins With C. [Online]. Available on: <http://www.berkeleywellness.com/html/wl/2000/wlFeatured1000.html>. [2005, April 27].
- Anonymous. 2003. ACT Government Health Information. Preservatives, sugars and metals in fruit juices. [Online]. Available on: <http://www.health.act.gov.au/c/health?a=da&did=10018228&pid=1053860055>. [2005, April 15].
- Anonymous. 2005a. Mandarins (Tangerines). [Online]. Available on: <http://www.innvisa.com/health/foods/fruits/mander.html>. [2005, April 25].
- Anonymous. 2005b. Thanathon Orchard (Products). [Online]. Available on: <http://www.tntorchard.Com/product.html>. [2005, April 26].
- Anonymous. 2005c. Nutrition of orange juice. [Online]. Available on: <http://www.drinksmixer.com/desc69.html> [2005, April 26].
- Anonymous. 2006a. Carotenoid. [Online]. Available on: <http://info.productfinder.net/hsi/MultiCarotene--30-Mg--60-Sgels.html>. [2006, August 15].
- Anonymous. 2006b. On-line microbiology text book. Bacterial structure. [Online]. Available on: http://www.bact.wisc.edu/Microtextbook/index.php?module=Book&func=toc&book_id=2. [2006, November 23].
- Adams, M. R. and Moss, M. O. 2000. *Food Microbiology*. 2nd ed. The Royal Society of Chemistry. UK.

- Alklint, C. 2003. Carrot juice processing-effects on various quality aspects. [Online]. Available on: www.lub.lu.se/cgi-bin/show_diss.pl/tec_668.html. [2006, August 15].
- AOAC. 2000. *Official Methods of Analysis of the Association of Official Analytical Chemists*. AOAC International. Washington, DC.
- Bayindirli, A., Alpas, H., Bozoglu, F. and Hizal, M. 2006. Efficiency of high pressure treatment on inactivation of pathogenic microorganisms and enzymes in apple, orange, apricot and sour cherry juices. *Food Control*. 17. p 52-58.
- Bull, M. K., Zerdin, K., Howe, E., Goicoechea, D., Paramanandhan, P., Stockman, R., Sellahewa, J., Szabo, E. A., Johnson, R. L. and Stewart, C. M. 2004. The effect of high pressure processing on the microbial, physical and chemical properties of Valencia and Navel orange juice. *Innovative Food Science and Emerging Technology*. 5. p 135-149.
- Chiesa, A., Valera, M. S. and Frascina, A. 1996. Acidity and pigment changes in tomato (*Lycopersicon Esculentum* Mill.) fruit ripening. [Online]. Available on: http://www.actahort.org/books/464/464_81.htm. [2006, December 23].
- Choi, M. H., Kim, G. H. and Lee H. S. 2002. Effect of ascorbic acid retention on juice color and pigment stability in blood orange (*Citrus sinensis*) juice during refrigerated storage. *Food Research International*. 35 (8). p 753-759.
- Codex. 2005. Orange juice preserved exclusively by physical means 1. [Online]. Available on: http://www.codexalimentarius.net/web/standard_list.jsp. [2005, April 26].
- Cortés, C., Torregrosa, F., Esteve, M. J. and Friágoła, A. 2006. Carotenoid profile modification during refrigerated storage in untreated and pasteurized orange juice and orange juice treated with high-intensity pulsed electric fields. *Journal Agricultural and Food Chemistry*. 54. p 6247-6254.

- Collet, L.S.F.C.A., Shigeoka, D.S., Badolato, G.G. and Tadini, C.C. 2005. A kinetic study on pectinesterase inactivation during continuous pasteurization of orange juice. *Journal of Food Engineering*. 69. p 125-129.
- de Man, J. D., Rogosa, M. and Sharpe, M. E. 1960. A Medium for the cultivation of *Lactobacilli*. *Journal Applied of Bacteria*. 23. p 130-135.
- Denby, D. 1996. Chemistry Review. [Online]. Available on: <http://en.wikipedia.org/wiki/DCPIP>. [2006, July 16].
- de Souza, M. C.C., Benassi, M. de T., Meneghel, R. F. de A. and de Silva, R. S. dos S. F. 2004. Stability of unpasteurized and refrigerated orange juice. *Brazilian Archives of Biology and Technology*. 47 (3). p 391-397.
- di Mascio, P., Kaiser, S. and Sies, H. 1989. Lycopene as the most efficient biological carotenoid singlet oxygen quencher. *Archives of Biochemistry Biophysics*. 274. p 532-538.
- Eren, F. G. S. 1998. Effect of temperature and pH on nonenzymic browning in minced dried pepper during storage. *Turkish Journal of Engineering and Environmental Sciences*. 22. p 33-38.
- Farnworth, E. R., Lagace, M., Couture, R., Yaylayan, V. and Stewart, B. 2001. Thermal processing, storage conditions and the composition and physical properties of orange juice. *Food Research International*. 34 (1). p 25-30.
- Gardner, P. T., White, T. A. C., McPhail, D. B. and Duthie, G. G. 2000. The relative contributions of vitamin C, carotenoids and phenolics to the antioxidant potential of fruit juices. *Food Chemistry*. 68. p 471-474.
- Gregory III, J. F. 1996. Vitamins. In: *Food chemistry*. 3rd edition. Fennema, O. R. (ed.). Marcel Dekker, Inc., New York, p 531-616.
- Holden, J. M., Eldridge, A. L., Beecher, G. R., Buzzard, I. M., Bhagwat, A. S., Davis, C. S., Douglass, L. W., Gebhardt, E. S., Haytowitz, D. and Schakel, S. 1999.

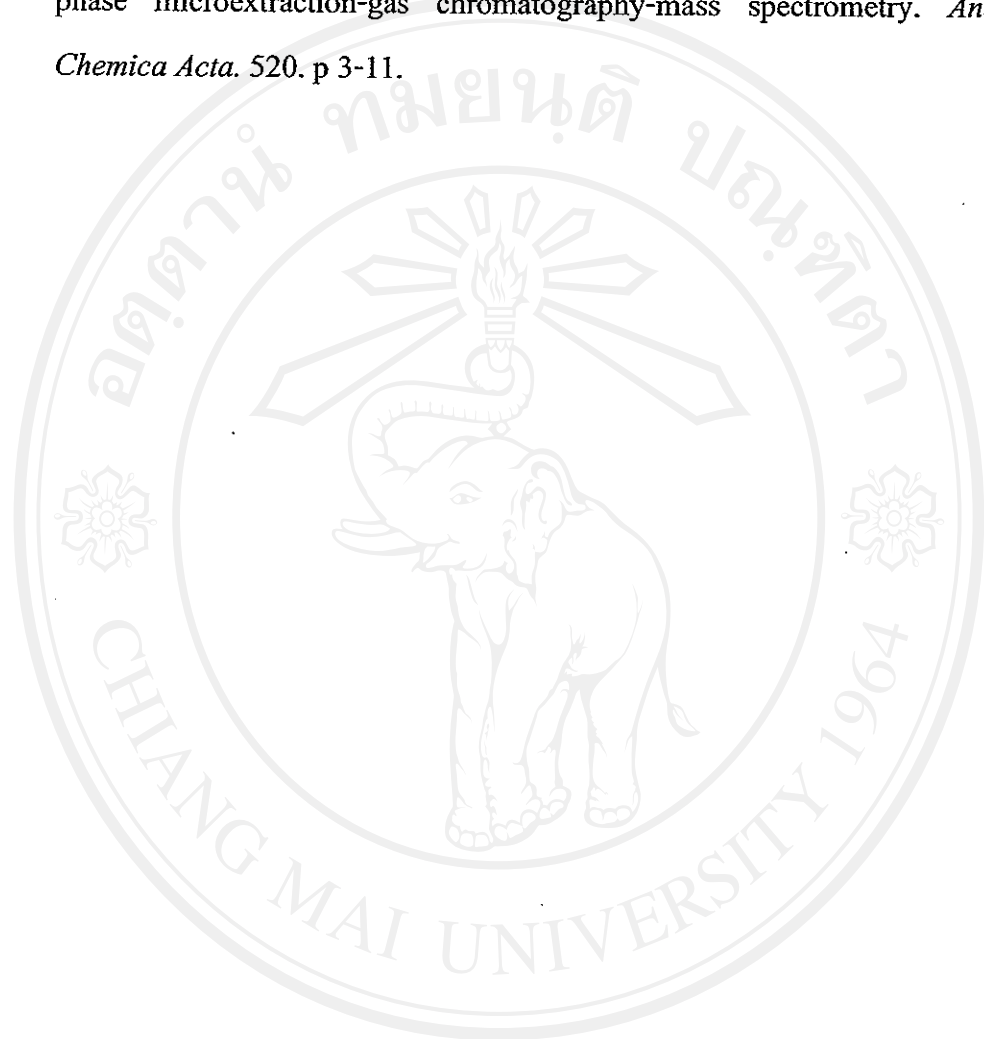
- Carotenoid Content of U.S. Foods: An Update of the Database. *Journal of food composition and analysis*. 12. p 169-196.
- Ingallinera, B., Barbagallo, R. N., Spagna, G., Palmeri, R. and Tonaro, A. 2005. Effects of thermal treatments on pectinesterase activity determined in blood oranges juices. *Enzyme and Microbial Technology*. 36. p 258-263.
- Jia, M., Zhang, Q. H. and Min, D. B. 1999. Pulsed electric field processing effects on flavour compounds and microorganisms of orange juice. *Food Chemistry*. 65. p 445-451.
- Jordan, M.J., Goodner, K.L. and Laencina, J. 2003. Deaeration and pasteurization effects on the orange juice aromatic fraction. *Lebensmittel-Wissenschaft Und-Technologie-Food Science and Technology*. 36. p 391-396.
- Koca, N., Burdurlu, H. S. and Karadeniz, F. 2003. Kinetics of nonenzymatic browning reaction in citrus juice concentrates during storage. *Turkish Journal of Agricultural and Forestry*: 27. p 353-360.
- Lee, H. S. 1992. Antioxidative activity of browning reaction products isolated from storage-aged orange juice. *Journal Agricultural Food Chemistry*. 40. p 550-552.
- Lee, H. S. and Coates, G.A. 1999. Vitamin C in frozen, fresh squeezed, unpasteurized, polyethylene-bottled orange juice: a storage study. *Food Chemistry*. 65 (2). p 165-168.
- Leffingwell, J. C. 1999. Aldehydes. [Online]. Available on: <http://www.leffingwell.com/ald1.htm>. [2006, October 15].
- Leslaw, J. and Teresa, F. 2003. Viscosity of concentrated strawberry juice effect of temperature and soluble solids content. [Online]. *Electronic Journal of Polish Agricultural Universities*. 6 (2). Available on: <http://www.ejpau.media.pl/volume6/issue2/food/art-11.html>.

- Murata, M., Shinoda, Y. and Homma, S. 2002. Browning of model orange juice solution and changes in the components. *International Congress Series*. 1245. p 459-460.
- Namutebi, A. 1998. Effects of preservation method and storage conditions on the flavour and colour of passion fruit juice. *African Crop Science Journal*. 6 (4). p 397-405
- Nagy, S. 1980. Vitamin C contents of citrus fruit and their products: a review. *Journal of Agricultural and Food Chemistry*. 28 (1). p 8-18.
- Nagy, S., Chen, C. S. and Shaw, P. E. 1993. *Fruit Juice Processing Technology*. AgScience, Inc., Auburndale, Florida.
- Nienaber, U. and Shellhammer T. H. 2006. Shelf life study of high pressure processed orange juice. [Online]. Available on: <http://grad.fst.ohio-state.edu/hpp/83A-16.pdf>. [2006, October 15].
- Pandell, A. J. 1999. The acidity of wine. [Online]. Available on: http://wineperspective.com/the-acidity_of_wine.htm. [2006, November 22].
- Parish, M. 2006. How do salt and sugar prevent microbial spoilage. Available on: http://www.sciam.com/askexpert_question.cfm?articleID=000DCCA9-088E-13F6-881A83414B7F4945&catID=3&topicID=3. [2006, December 27].
- Parish M. E. 1998. Orange juice quality after treatment by thermal pasteurization or isostatic high pressure. *Lebensmittel-Wissenschaft Und-Technologie-Food Science and Technology*. 31. p 439-442.
- Ren, C. and Kermode, A. R. 2000. Pectin methyl esterase and its potential role in dormancy breakage of yellow cedar (*Chamaecyparis nootkatensis*) seeds. American Society of Plant Biologists. [Online]. Available on: <http://abstracts.aspb.org/pb2000/public/P24/0815.html>. [2006, October 15].
- Rieger, M. 2005. Citrus. [Online]. Available on: <http://www.uga.edu/fruit/citrus.htm> [2005, April 26].

- Riu-Aumatell, M., Castellari, M., Lopez-Tamames, E., Galassi, S. and Buxaderas, S. 2004. Characterisation of volatile compounds of fruit juices and nectars by HS/SPME and GC/MS. *Food Chemistry*. 87. p 627-637.
- Roig, M. G., Bello, J. F., Rivera, Z. S. and Kennedy, J. F. 1999. Studies on the occurrence of non-enzymatic browning during storage of citrus juice. *Food Research International*. 32 (9). p 609-619.
- Rujanakaikan, L. and Rattanapanon, N. 1997. *Analysis of Food*. 5th ed. Department of Food Science and Technology, Faculty of Agro-Industry, Chiang Mai University. Chiang Mai.
- Sánchez-Moreno, C., Plaza, L., De Ancos, B. and Cano M. P. 2003. Vitamin C, provitamin A carotenoids and other carotenoids in high-pressurized orange juice during refrigerated storage. *Journal of Agricultural and Food Chemistry*. 5. p 647-653.
- Sánchez, F., Korine, C., Pinshow, B. And Dudley, R. 2004. The possible roles of ethanol in the relationship between plants and frugivores: first experiments with egyptian fruit bats. *Integrative and Comparative Biology*. 44. p 290-294.
- Schreibman, T. 2005. The 8 Healthiest Drinks. [Online]. Available on: http://www.fitn essmagazine.com/food_and_nutrition/031804_feature6_print.jsp. [2005, April 27].
- Selli, S., Cabaroglu, T. and Canbas, A. 2004. Volatile flavour components of orange juice obtained from the cv. Kozan of Turkey. *Journal of Food Composition and Analysis*. 17. p 789-796.
- Spagna, G., Barbagallo, R. N. and Ingallinera, B. 2003. A specific method for determination of pectin esterase in blood oranges. *Enzyme and Microbial Technology*. 32. p. 174-177.
- Suklampoo, L. 2003. Preservation of Mild Heat and Ginger Extract. *Food*. 33(3). p 211-221.

- Sun, D., Dure, L., Grant, T. and Wicker, L. 2006. Secondary structure and stability of marsh grapefruit pectinesterase - a circular dichroism study. [Online]. Available on: <http://ift.confex.com/ift/98annual/techprogram/accepted/983.htm>. [2006, November 23].
- Suntornsuk, L., Gritsanapun, W., Nilkamhank, S. and Paochom, A. 2002. Quantitation of vitamin C content in herbal juice using direct titration. *Journal of Pharmaceutical and Biomedical Analysis*. 28. p 849-855.
- Todar, K. 2004. Nutrition and growth of bacteria. [Online]. Available on: <http://textbookofbacteriology.net/nutgro.html>. [2006, November 22].
- Torregrosa, F., Esteve, M.J., Frigola, A. and Cortes, C. 2006. Ascorbic acid stability during refrigerated storage of orange-carrot juice treated by high pulsed electric field and comparison with pasteurized juice. *Journal of Food Engineering*. 73(4). p 339-345.
- Tran, M. T. T. and Farid, M. 2004. Ultraviolet treatment of orange juice. *Innovative Food Science and Emerging Technology*. 5. p 495-502.
- Tressler, D. K. and Joslyn, M. A. 1971. *Fruit and Vegetable Juice Processing Technology*. 2. The AVI Publishing Co., Inc. California.
- USDA. 1972. United States Standards for Grades of Grapefruit Juice and Orange Juice. [Online]. Available on: <http://www.ams.usda.gov/standards/cngrapoj.pdf>. [2006, October 10].
- Worobo, R. and Padilla-Zakour, O. 1998. Food safety and you. *The Newsletter of the New York State Food Venture Center*. Winter 99. 1 (4). [Online]. Available on: http://www.nysaes.cornell.edu/necfe/pubs/pdf/Venture/venture4_safety.html. [2006, October 10].
- Zanoni, B., Pagliarini, E., Galli, A. and Laureati, M. 2004. Shelf-life prediction of fresh blood orange juice. *Journal of Food Engineering*. 70. p 512-517.

Zierler, B., Siegmund, B. and Pfannhauser, W. 2004. Determination of off-flavour compounds in apple juice caused by microorganisms using headspace solid phase microextraction-gas chromatography-mass spectrometry. *Analytica Chimica Acta*. 520. p 3-11.



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