

REFERENCES

- Ann, K. C., Suseno, T. I. P., & Utomo, A. R. (2012). Pengaruh Perbedaan Konsentrasi Ekstrak Bit Merah dan Gelatin Terhadap Sifat Fisikokimia dan Organoleptik. *Jurnal Teknologi Pangan Dan Gizi*, 11(2), 28–36. <http://journal.wima.ac.id/index.php/JTPG/article/download/1472/1363>
- AOAC. (1984). Official Methods of Analysis of The Association of Official Analytical Chemist. AOAC Inc. Arlington. Virginia.
- Arias, E., Gonzalez, J., Oria, R., & Lopez-Buesa, P. (2007). Ascorbic acid and 4-hexylresorcinol effects on pear PPO and PPO catalyzed browning reaction. *Journal of Food Science*, 72(8), C422-C429. doi:10.1111/j.1750-3841.2007.00484.x
- Astuti, S. 1989. Manfaat Buah Pisang. Sinar Tani, Bandung.
- Badan Pusat Statistik. 2012. Produksi Buah-buahan di Indonesia. Retrieved April 16, 2019, from www.bps.go.id.
- Azam-Ali, S. (2006). *Ber and other jujubes* (Vol. 2). Crops for the Future.
- Barrett, D., & Garcia, E. (2010). Preservative Treatments for Fresh-cut Fruits and Vegetables. In *Fresh-Cut Fruits and Vegetables*. <https://doi.org/10.1201/9781420031874.ch9>
- Berk, Z. (2009). Freeze drying (lyophilization) and freeze concentration. *Food process engineering and technology*, 511-523.
- Buchi. (n.d.). Application Note, 254/2016 Lyophilisation of fresh banana slices. Retrieved February 20, 2019, from https://static1.buchi.com/sites/default/files/shortnotes/254_2017_SN_Banana_final.pdf
- BSN. (1996). Standar Mutu Keripik Pisang SNI No. 01-4315-1996. Badan Standardisasi Nasional. Jakarta. Retrieved February 24, 2019, from <https://dokumen.tips/documents/sni-01-4315-1996-keripik-pisang.html>
- Chandrajith, U., Wijewardane, R., Wasala, W., Dissanayake, C., Jayawardene, H., & Swarnasiri, D. (2015). Combined Effect of Citric Acid and Ascorbic Acid as Chemical Pre- treatments to Prevent Enzymatic Browning in Fresh Cut Ambul Banana (*Musa spp.*). Retrieved from https://www.researchgate.net/publication/290605662_Combined_Effect_of_Citric_Acid_and_Ascorbic_Acid_as_Chemical_Pre-Treatments_to_Prevent_Enzymatic_Browning_in_Fresh_Cut_Ambul_Banana_Musa_spp
- Clayton, K., Bush, D., & Keener, K. (n.d.). Food Preservation Methods. Retrieved July 8, 2019, from <https://www.extension.purdue.edu/extmedia/FS/FS-15-W.pdf>
- Davey, M. W., Keulemans, J., & Swennen, R. (2006). Methods for the efficient quantification of fruit provitamin A contents. *Journal of Chromatography A*, 500 1136(2), 176-184.
- Doymaz, İ. (2010). Effect of citric acid and blanching pre-treatments on drying and rehydration of Amasya red apples. *Food and Bioproducts Processing*, 88(2-3), 124-132.
- Du, Y. J., Dou, S. Q., & Wu, S. J. (2012). Efficacy of phytic acid as an inhibitor of enzymatic and non-enzymatic browning in apple juice. *Food Chemistry*, 135(2), 580-582. doi:10.1016/j.foodchem.2012.04.131

- Fellows, P. J. (2009). *Food processing technology: principles and practice*. Elsevier.
- Food and Agriculture Organization of the United Nations (FAO). (2019). Banana facts and figures. Retrieved March 21, 2019, from http://www.fao.org/economic/est/est-commodities/bananas/bananafacts/en/#.XJNl_CgzY2w
- Food and Drug Administration. (2014). Water Activity (aw) in Foods. Retrieved July 17, 2019, from <https://www.fda.gov/inspections-compliance-enforcement-and-criminal-investigations/inspection-technical-guides/water-activity-aw-foods>
- Fu, X., Cheng, S., Liao, Y., Huang, B., Du, B., Zeng, W., Jiang, Y., Duan, X., Yang, Z. (2017). Comparative analysis of pigments in red and yellow banana fruit. *Food Chemistry*. <https://doi.org/10.1016/j.foodchem.2017.07.046>
- Fungo, R., & Pillay, M. (2011). Beta-Carotene content of selected banana genotypes from Uganda. *African Journal of Biotechnology*, 10(28), 5423-5430.
- Gaidhani, K. A., Harwalkar, M., Bhambere, D., & Nirgude, P. S. (2015). Lyophilization/freeze drying—a review. *World journal of pharmaceutical research*, 4(8), 516-543.
- Geesha. (2016). Difference Between Ascorbic Acid and Citric Acid. Retrieved March 7, 2019, from <http://pediaa.com/difference-between-ascorbic-acid-and-citric-acid/>
- He, Q., & Luo, Y. (2007). Enzymatic browning and its control in fresh-cut produce. *Stewart Postharvest Review*, 3(6), 1-7.
- HunterLAB. (2008). Hunter Associates Laboratory, Inc. Retrieved July 13, 2019, from <https://doi.org/10.1128/AEM.02997-13>
- Institute of Food Technologies. (2001). Evaluation and Definition of Potentially Hazardous Foods - Full Report. *Evaluation and Definition of Potentially Hazardous Foods*. <https://doi.org/10.1111/j.1365-2621.2003.tb05778.x>
- Ioannou, I. (2013). Prevention of enzymatic browning in fruit and vegetables. *European Scientific Journal, ESJ*, 9(30).
- Ipatenco, S. (2018). Are Banana Chips Healthy? Retrieved January 26, 2019, from <https://healthyeating.sfgate.com/banana-chips-healthy-3697.html>
- Jayathunge KGLR, Rishana F, Illeperuma DCK, Thilakarathne BMKS, et al (2012) Suitability of micro-perforated PVC containers for modified atmosphere packaging of minimally processed fruit salad containing pineapple, papaya and mango. *Asian Journal of Food and Agro-Industry.*, 5(06) 554-566.
- Lindley, M. G. (1998). The impact of food processing on antioxidants in vegetable oils, fruits and vegetables. *Trends in Food Science & Technology*, 9(8-9), 336-340. doi:10.1016/s0924-2244(98)00050-8
- Meena MK, Chetti MB, Nawalagatti CM, et al. Vacuum packaging technology: a novel approach for extending the storability and quality of agricultural produce. *Adv Plants Agric Res*. 2017;7(1):221–225. DOI: 10.15406/apar.2017.07.00242
- Mulyati, S. (2005). *Aneka Olahan Pisang*. Trubus Agrisarana. Surabaya.

- Northwestern Memorial HealthCare. (2017). Potassium Content of Foods. Retrieved January 26, 2019, from <https://www.nm.org/-/media/Northwestern/Resources/patients-and-visitors/patient-education-diet-and-nutrition/northwestern-medicine-potassium-content-of-foods.pdf?la=en>
- Ohsima, S., & Moteki, Y. (1990). *U.S. Patent No. 4,903,841*. Washington, DC: U.S. Patent and Trademark Office.
- Oms-Oliu, G., Aguilo-Aguayo, I., & Martin-Belloso, O. (2006). Inhibition of browning on fresh-cut pear wedges by natural compounds. *Journal of Food Science*, 71(3), S216-S224.
- Pawkit. (2018). PAWKIT WATER ACTIVITY METER. Retrieved July 13, 2019, from http://library.metergroup.com/Quick Start Guides/10341_Pawkit_Web.pdf
- Pereira, A., & Maraschin, M. (2015). Banana (*Musa spp*) from peel to pulp: Ethnopharmacology, source of bioactive compounds and its relevance for human health. *Journal of Ethnopharmacology*, 160, 149-163.
- Pieniazek, F., & Messina, V. (2018). Texture Analysis of Freeze Dried Banana Applying Scanning Electron Microscopy Combined with Image Analysis Techniques. *ETP International Journal of Food Engineering*, 4(2), 127–131. <https://doi.org/10.18178/ijfe.4.2.127-131>
- Prabawati, S., & Setyabudi, D. A. (2008). *Teknologi Pascapanen dan Teknik Pengolahan Buah Pisang*. Bogor: Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian Badan Penelitian dan Pengembangan Pertanian.
- Semangun, H. (1996). *Pengantar Ilmu Penyakit Tumbuhan*. Gajah Mada University Press. Yogyakarta.
- Supekar, P. (2017). Freeze Drying. Retrieved July 17, 2019, from <https://www.slideshare.net/PratikshaSupekar/freeze-drying-70711777>
- University of Michigan Health System. (2016). Potassium Content of Foods. Retrieved January 26, 2019, from <http://www.med.umich.edu/1libr/Nutrition/PotassiumHandout.pdf>
- USDA. (n.d.). Banana Ripening Guide. Retrieved July 9, 2019, from https://www.ams.usda.gov/sites/default/files/media/Bananas_Visual_Aid%5B1%5D.pdf
- Valentina, V., Pratiwi, R. A., Hsiao, P. Y., Tseng, H. T., Hsieh, J. F., & Chen, C. C. (2016). Sensorial Characterization of Foods Before and After Freeze-drying. *Sensorial Characterization of Foods Before and After Freeze-drying*, 1(6), 1-5.
- Ward, K. R. (2012). The Importance of Vacuum and the Control of Pressure in Freeze-Drying. Retrieved February 17, 2019, from https://www.vacuum-uk.org/pdfs/VacPlas_VS3/Kevin Ward - Freeze-Drying - 3rd Vacuum Symposium - Coventry - 2012.pdf
- Washburn, C., & Jensen, C. (2017). Pretreatments to Prevent Darkening of Fruits Prior to Canning or Dehydrating. Retrieved March 7, 2019, from https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2781&context=extension_curall
- Widodo, W. D., Suketi, K., & Sabrina, B. (2012). Efektivitas Bahan Pembungkus Oksidator Etilen Untuk Memperpanjang Masa Simpan Pisang Raja Bulu. *Prosiding Simposium dan Seminar*

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Zhang, M., Bhandari, B., & Fang, Z. (2017). *Handbook of drying of vegetables and vegetable products*. Boca Raton, FL: CRC Press.