

REFERENCES

- Abellana, M., Sanchis, V., & Ramos, A. J. (2001). Effect of water activity and temperature on growth of three *Penicillium* species and *Aspergillus flavus* on a sponge cake analogue. *International journal of food microbiology*, 71(2-3), 151-157.
- Alamsyah, W. U., Lubis, Z., & Ardiani, F. (2016). Kandungan Gizi dan Indeks Bolu Kukus yang Terbuat dari Tepung Ubi Jalar dan Rumput Laut. *Gizi, Kesehatan Reproduksi dan Epidemiologi*, 1(2).
- Andriani, D. (2012). *Studi Pembuatan Bolu Kukus Tepung Pisang Raja (Musa paradisiaca L.)* (Bachelor Thesis, Universitas Hasanuddin Makassar).
- Bernardi, A. O., Garcia, M. V., & Copetti, M. V. (2019). *Food industry spoilage fungi control through facility sanitization*. *Current Opinion in Food Science*. doi:10.1016/j.cofs.2019.07.006
- Bourne, M. C. (2002). *Food Texture and Viscosity: Concept and Measurement* (2nd ed). Academic Press.
- Brown, A. C. (2018). *Understanding Food: Principles and Preparation* (6th ed.). Cengage Learning.
- BPOM. (2019). Peraturan Badan Pengawas Obat dan Makanan Nomor 13 Tahun 2019. "Batas Maksimal Cemaran Mikroba Dalam Pangan Olahan".
- Bullerman, L. B. (2003). *SPOILAGE / Fungi in Food – An Overview*. *Encyclopedia of Food Sciences and Nutrition*, 5511–5522. doi:10.1016/b0-12-227055-x/01129-9
- Cauvain, S.P., Young, L.S., (2007). Bread spoilage and staling. In: *Technology of Bread Making*. Springer International Publishing, NY, pp. 272–2922.
- Cauvain, S. P., & Young, L. S. (2010). Chemical and physical deterioration of bakery products. In *Chemical Deterioration and Physical Instability of Food and Beverages* (pp. 381–412). Elsevier. <https://doi.org/10.1533/9781845699260.3.381>
- Conforti, F. D. (2014). Cake Manufacture. In W. Zhou & Y. H. Hui (Eds.), *Bakery products: Science and Technology* (2nd edition, pp. 565–584). John Wiley & Sons Inc.
- Decagon Devices, Inc. (n.d.). Pawkit Water Activity Meter: Standard Operating Procedure. Retrieved on 02 March 2020 from http://manuals.decagon.com/Marketing/SOP_Pawkit.pdf
- Edwards, W. P. (2007). Products Other than Bread. In *The Science of Bakery Products*. Royal Society of Chemistry.
- El Sheikha, A., & Mahmoud, Y. (2015). Bread Fungal Contamination: Risk of Mycotoxins, Protection of Anti-fungal and Need to Fungal Identification. In *Bread and its Fortification for Nutrition and Health Benefits* (pp.150-162). CRC Press, Florida, USA.
- FDA (2001). FDA Laboratory Methods (Food), Bacteriological Analytical Manual (BAM) Chapter 18. Yeasts, Molds, and Mycotoxins. Retrieved on 14 July 2020 from <https://www.fda.gov/food/laboratory-methods-food/bam-chapter-18-yeasts-molds-and-mycotoxins>

- Figoni, P. (2008). How Baking Works: Exploring the Fundamentals of *Baking Science* (2nd ed.). Wiley.
- Garcia, M. V., Bregão, A. S., Parussolo, G., Bernardi, A. O., Stefanello, A., & Copetti, M. V. (2019a). Incidence of spoilage fungi in the air of bakeries with different hygienic status. *International journal of food microbiology*, 290, 254-261.
- Garcia, M.V., Da Pia, A.K.R., Freire, L., Copetti, M.V., Sant'ana, A.S., (2019b). Effect of temperature on the inactivation kinetics of three strains of *Penicillium paneum* and *Penicillium roqueforti* during bread baking. *Food Control*, 96, 456–462.
- Gelinas, P., Roy, G., & Guillet, M. (1999). Relative Effects of Ingredients on Cake Staling Based on an Accelerated Shelf-life Test. *Journal of Food Science*, 64(5), 937–940. <https://doi.org/10.1111/j.1365-2621.1999.tb15944.x>
- Gomez, M., Ruiz-París, E., Oliete, B., & Pando, V. (2010). Modeling of Texture Evolution of Cakes during Storage. *Journal of Texture Studies*, 41(1), 17–33. <https://doi.org/10.1111/j.1745-4603.2009.00210.x>
- Guynot, M. E., Ramos, A. J., Sala, D., Sanchis, V., & Marín, S. (2002). Combined effects of weak acid preservatives, pH and water activity on growth of *Eurotium* species on a sponge cake. *International Journal of Food Microbiology*, 76(1-2), 39–46. doi:10.1016/s0168-1605(01)00751-6
- Guynot, M. E., Marin, S., Sanchis, V., & Ramos, A. J. (2003). Modified atmosphere packaging for prevention of mold spoilage of bakery products with different pH and water activity levels. *Journal of Food Protection*, 66(10), 1864-1872.
- Huang, S., & Miskelly, D. (2016). Introduction to Steamed Bread. In *Steamed Breads* (pp. 1–12). Elsevier. <https://doi.org/10.1016/B978-0-08-100715-0.00001-X>
- Huang, S., & Miskelly, D. (2019). Steamed bread-A review of manufacturing, flour quality requirements, and quality evaluation. *Cereal Chemistry*, 96(1), 8–22. <https://doi.org/10.1002/cche.10096>
- Ji, Y., Zhu, K., Qian, H., & Zhou, H. (2007). Staling of cake prepared from rice flour and sticky rice four. *Food Chemistry*. 104. 53-58. 10.1016/j.foodchem.2006.10.072
- Jones, H. P. (2012). Ambient packaged cakes. In C. M. D. Man & A. A. Jones, *Shelf Life Evaluation of Foods*. Springer US.
- Laohasongkram, K., Poonnakasem, N., & Chaiwanichsiri, S. (2011). Process Development of Shelf-Stable Chinese Steamed Bun. *Journal of Food Process Engineering*, 34(4), 1114–1124. <https://doi.org/10.1111/j.1745-4530.2009.00531.x>
- Lebesi, D. M., & Tzia, C. (2011). Staling of Cereal Bran Enriched Cakes and the Effect of an Endoxylanase Enzyme on the Physicochemical and Sensorial Characteristics. *Journal of Food Science*, 76(6), S380–S387. doi:10.1111/j.1750-3841.2011.02220.x
- Lombard, G. E., Weinert, I. A. G., Minnaar, A., & Taylor, J. R. N. (2000). Preservation of South African Steamed Bread Using Hurdle Technology. *LWT - Food Science and Technology*, 33(2), 138–143. <https://doi.org/10.1006/fstl.1999.0626>

- Mathlouthi, M. (2001). Water content, water activity, water structure and the stability of foodstuffs. *Food Control*, 12(7), 409-417. [https://doi.org/10.1016/S0956-7135\(01\)00032-9](https://doi.org/10.1016/S0956-7135(01)00032-9)
- Morassi, L. L., Bernardi, A. O., Amaral, A. L., Chaves, R. D., Santos, J. L., Copetti, M. V., & Sant'Ana, A. S. (2018). Fungi in cake production chain: Occurrence and evaluation of growth potential in different cake formulations during storage. *Food Research International*, 106, 141-148.
- Nielsen, S. S. (Ed.). (2010). *Food Analysis Laboratory Manual*. Springer US.
- Noviyanti, R. D., Kurniawati, I., & Mugnhi, E. (2017). Analisis kadar gula, kadar protein dan organoleptik bolu kukus substitusi tepung kedelai (*Glycine L. Merr.*). *The 5th URECOL Proceeding*, pp. 1066-1073.
- OHAUS. (n.d.). A Guide to Moisture Content Analysis: Appendix A - Sample Methods. NJ: OHAUS
- Perten Instruments. (n.d.). TTV Method 02-03.02 Sponge Cake Properties by Double Cycle Compression. Perten Instruments Method Description. Retrieved on 06 March 2020 from <https://www.perten.com/Global/Application%20notes/TTV/02-03.02%20Sponge%20Cake%20Properties%20-%20Double%20Cycle%20Compression.pdf>
- Putri, S. (2010). *Substitusi Tepung Biji Nangka Pada Pembuatan Kue Bolu Kukus Ditinjau dari Kadar Kalsium, Tingkat Pengembangan Dan Daya Terima* (Bachelor thesis, Universitas Muhammadiyah Surakarta)
- Sabillón, L., & Bianchini, A. (2016). From Field to Table: A Review on the Microbiological Quality and Safety of Wheat-Based Products. *Cereal Chemistry Journal*, 93(2), 105–115. doi:10.1094/cchem-06-15-0126-rw
- Saranaj, P. and Geetha, M. (2012). Microbial Spoilage of Bakery Products and Its Control by Preservatives. *International Journal of Pharmaceutical & Biological Archives*, 3(1), 38-48.
- Sahi, S. S., & Alava, J. M. (2003). Functionality of emulsifiers in sponge cake production. *Journal of the Science of Food and Agriculture*, 83(14), 1419–1429. <https://doi.org/10.1002/jsfa.1557>
- Seiler, D. A. L. (1998). Chapter 7 – Bakery products. In Blakistone B. (Ed.), *Principles and Applications of Modified Atmosphere Packaging of Foods* (2nd edition, pp. 135 - 157). Springer US.
- Sim, S. Y., Noor Aziah, A. A., & Cheng, L. H. (2013). Quality and functionality of Chinese steamed bread and dough added with selected non-starch polysaccharides. *Journal of Food Science and Technology*, 52(1), 303–310. <https://doi.org/10.1007/s13197-013-0967-1>
- Singh, T. K., & Cadwallader, K. R. (2004). Ways of measuring shelf-life and spoilage. In Steele, R. (Ed.), *Understanding and Measuring the Shelf-Life of Food*. Woodhead Publishing.
- Smith, J. P., Daifas, D. P., El-Khoury, W., Koukoutsis, J., & El-Khoury, A. (2004). Shelf Life and Safety Concerns of Bakery Products—A Review. *Critical Reviews in Food Science and Nutrition*, 44(1), 19–55. <https://doi.org/10.1080/10408690490263774>
- Sozer, N., Bruins, R., Dietzel, C., Franke, W., & Kokini, J. L. (2011). Improvement of Shelf Life Stability of Cakes. *Journal of Food Quality*, 34(3), 151–162. <https://doi.org/10.1111/j.1745-4557.2011.00379.x>

Statista. (2020). *Bread & Bakery Products - Indonesia*. Retrieved on 24 September 2020 from <https://www.statista.com/outlook/40050000/120/bread-bakery-products/indonesia>

Wadlihah, F. (2010). *Pengaruh Perbandingan Tepung Terigu dan Tepung Biji Nangka terhadap Komposisi Proksimat dan Sifat Sensorik Kue Bolu Kukus* (Bachelor thesis, Universitas Muhammadiyah Surakarta).

Wardani, D. H. K. (2018). *Pengaruh Substitusi Tepung Kacang Hijau (*Vigna Radiata L.*) Terhadap Kadar Protein Dan Daya Terima Bolu Kukus* (Bachelor thesis, Universitas Muhammadiyah Surakarta).

Wilderjans, E., Luyts, A., Brijs, K., & Delcour, J. A. (2013). Ingredient functionality in batter type cake making. *Trends in Food Science & Technology*, 30(1), 6–15. doi:10.1016/j.tifs.2013.01.001

Wipradnyadewi, Putu Ari Sandhi. AAGN Anom Jambe, GAK Diah Puspawati, P. Timur Ina, N. M. Yusa, dan N.L. Ari Yusasrini. (2016). Pemanfaatan Ubi Jalar Kuning (*Ipomoea batatas L*) Sebagai Perbandingan dengan Terigu terhadap Karakteristik Bolu Kukus. *Jurnal Ilmiah Teknologi Pertanian AGROTECHNO* Vol 1, No 1, pp. 32-36.