

DAFTAR PUSTAKA

- [AOAC] Association of Official Analytical Chemist. (2005). Official Methods Of Analysis of The Association of Official Analytical Chemist. 17th ed. Washington D.C.AOAC:13.
- [BSN] Badan Standardisasi Nasional Indonesia. (1996). SNI 01-4216-1996 Makanan Formula sebagai Makanan Diet Kontrol Berat Badan.
- [BSN] Badan Standardisasi Nasional Indonesia. (2015). SNI 3144:2015 Tempe Kedelai.
- [BSN] Badan Standardisasi Nasional Indonesia. (2009). SNI 7388:2009 Batas Maksimum Cemaran Mikroba dalam Pangan.
- [KEMENKES] Kementerian Kesehatan. (2018). Tabel Komposisi Pangan Indonesia 2017.
- [USDA] United States Department of Agriculture. (2016). *Arenga pinnata* (Wurmb) Merr.
- [USDA] United States Department of Agriculture. (2019). *Food bar* 19015.
- [USDA] United States Department of Agriculture. (2019). *Pumkin*.
- [USDA] United States Department of Agriculture. (2019). *Kakao powder*.
- [USDA] United States Department of Agriculture. (2019). *Soybean*.
- [USDA] United States Department of Agriculture. (2019). *Tempeh*.
- Afoakwa, E.O. (2016). *Chocolate Science and Technology Second Edition*. United Kingdom: Wiley Blackwell.
- Akowuah, G., Ahmad, M., Tan, S., & Yam, M. (2014). GC-MS Determination of Major Bioactive Constituents and Anti-oxidative Activities of Aqueous Extracts of *Cinnamomum burmannii* Blume Stem. *The Natural Products Journal*, 3(4), 243–248.
<https://doi.org/10.2174/2210315504666140305231430>
- Andarwulan, N., Kusnandar, F., & Herawati, D. (2011). *Analisis*

Pangan. Dian Rakyat.

- Anova, Inda T., & Kamsina. (2019). Pengaruh penambahan tepung agar terhadap komposisi kimia serbuk agar dari kolang-kaling. *Jurnal Litbang Industri*, 9(2), 119–126.
- Astawan, M., Wresdiyati, T., & Maknun, L. (2017). *Tempe Sumber Zat Gizi dan Komponen Bioaktif untuk Kesehatan*. IPB Press. <https://webadmin-ipusnas.perpusnas.go.id/ipusnas/publications/books/104916/>
- Azhari, A., Suryati, S., Ishak, I., & ZA, N. (2021). Ekstraksi Galaktomanan Dari Ampas Kelapa. *Chemical Engineering Journal Storage (CEJS)*, 1(3), 10. <https://doi.org/10.29103/cejs.v1i3.4726>
- Azima, F., D. M., F.R., Z., & B.P, P. (2004). Kandungan Fitokimia Dan Aktivitas Antioksidan. *Stigma Volume, XII*(2), 1–6.
- Badr, S. E. A., Shaaban, M., Elkholy, Y. M., Helal, M. H., Hamza, A. S., Masoud, M. S., & El Safty, M. M. (2011). Chemical composition and biological activity of ripe pumpkin fruits (*Cucurbita pepo* L.) cultivated in Egyptian habitats. *Natural Product Research*, 25(16), 1524–1539. <https://doi.org/10.1080/14786410903312991>
- Bastian, F., Ishak, E., Tawali, A. ., & Bilang, M. (2013). Daya Terima dan Kandungan Zat Gizi Formula Tepung Tempe dengan Penambahan Semi Refined Carrageenan (SRC) dan Bubuk Kakao. *Jurnal Aplikasi Teknologi Pangan, Vol.2 No.1*, 5–8.
- Bemfeito, C. M., Carneiro, J. de D. S., Carvalho, E. E. N., Coli, P. C., Pereira, R. C., & Vilas Boas, E. V. de B. (2020). Nutritional and functional potential of pumpkin (*Cucurbita moschata*) pulp and pequi (*Caryocar brasiliense* Camb.) peel flours. *Journal of Food Science and Technology*, 57(10), 3920–3925. <https://doi.org/10.1007/s13197-020-04590-4>
- Berawi, K. N. (2020). Antioksidan dan Kesehatan. Dipetik July 6, 2025, dari <http://staff.unila.ac.id/khairunnisa/2012/01/30/>
- Chen, J., & Rosenthal, A. (2015). *Texture, Modifying Food Volume*

I_ Novel Ingredients and Processing Techniques-Woodhead Publishin.pdf.

- Contreras, M. S. (2013). Anticariogenic properties and effects on periodontal structures of *Stevia rebaudiana* Bertoni. Narrative review. *Journal Of Oral Research*, 2(3), 158–166. <https://doi.org/10.17126/joralres.2013.034>
- Dewirna, N.R. (2023). Karakteristik Energy Bar Berbahan Dasar Tepung Singkong dan Kacang Tanah (*Arachis Hypogaeae* L.). *Skripsi*. Padang: Teknologi Pangan dan Hasil Pertanian, Universitas Andalas.
- Fardiaz, S. (1992). *Mikrobiologi Pangan*. Gramedia Pustaka Utama.
- Gill, A., Meena, G. S., & Singh, A. K. (2022). Snack bars as functional foods: A review. *The Pharma Innovation Journal*, 11(3), 1324–1331. <https://doi.org/10.1016/j.jff.2013.08.009>
- Gumulung, D. (2019). Analisis proksimat tepung daging buah labu kuning (*Cucurbita moschata*). *Fullerene Journal of Chemistry*, 4(1), 8. <https://doi.org/10.37033/fjc.v4i1.48>
- Handayani, G. N., Ida, N., & R, A. R. (2014). Pemanfaatan Susu Skim sebagai Bahan Dasar dalam Dangke dengan Bantuan Bakteri Asam Laktat. *Jf Fik Uinam*, 2(2), 56–61.
- Hanhineva, K., Törrönen, R., Bondia-Pons, I., Pekkinen, J., Kolehmainen, M., Mykkänen, H., & Poutanen, K. (2010). Impact of dietary polyphenols on carbohydrate metabolism. *International Journal of Molecular Sciences*, 11(4), 1365–1402. <https://doi.org/10.3390/ijms11041365>
- Hasanah, Z. (2019). Pengaruh Penambahan Tepung Kolang-Kaling (*Arenga pinnata*) dan Gula Ssemut pada Pembuatan Cookies. *Skripsi, Fakultas Pertanian, Universitas Muhammadiyah Sumatera Utara*, 1–97. [http://repository.umsu.ac.id/handle/123456789/7207%0Ahttp://repository.umsu.ac.id/bitstream/handle/123456789/7207/ZULIA HASANAH.pdf?sequence=1&isAllowed=y](http://repository.umsu.ac.id/handle/123456789/7207%0Ahttp://repository.umsu.ac.id/bitstream/handle/123456789/7207/ZULIA%20HASANAH.pdf?sequence=1&isAllowed=y)
- Huang, Y. C., Chang, Y. H., & Shao, Y. Y. (2006). Effects of

- genotype and treatment on the antioxidant activity of sweet potato in Taiwan. *Food Chemistry*, 98(3), 529–538. <https://doi.org/10.1016/j.foodchem.2005.05.083>
- Hussain, A., Kausar, T., Sehar, S., Sarwar, A., Ashraf, A. H., Jamil, M. A., Noreen, S., Rafique, A., Iftikhar, K., Quddoos, M. Y., Aslam, J., & Majeed, M. A. (2022). A Comprehensive review of functional ingredients, especially bioactive compounds present in pumpkin peel, flesh and seeds, and their health benefits. *Food Chemistry Advances*, 1(July), 100067. <https://doi.org/10.1016/j.focha.2022.100067>
- Hustiany, R. (2016). *Reaksi Maillard Pembentuk Citarasa Dan Warna Pada Produk Pangan*. Reaksi Maillard Pembentuk Citarasa Dan Warna Pada Produk Pangan. Lambung Mangkurat University Press.
- Iqbal, M. (2025). Studi Campuran Cassiavera Dan Cocoa Sebagai Anti-Diabetes Serta Pemanfaatannya. (Thesis). Universitas Andalas.
- Ishak, S. F., Mohd Abd Majid, H. A., Mohd Zin, Z., Zainol, M. K., & Jipiu, L. B. (2022). Sensorial and physicochemical characterisation of snack bar with gum arabic (*Acacia seyal*) addition. *Food Research*, 6(2), 319–329. [https://doi.org/10.26656/fr.2017.6\(2\).141](https://doi.org/10.26656/fr.2017.6(2).141)
- Jahan, F., Islam, M. B., Moulick, S. P., Al Bashera, M., Hasan, M. S., Tasnim, N., Saha, T., Bobby, F., Waliullah, M., Saha, A. K., Hossain, A., Ferdousi, L., Rahman, M. M., Saha, B. K., & Huda Bhuiyan, M. N. (2023). Nutritional characterization and antioxidant properties of various edible portions of *Cucurbita maxima*: A potential source of nutraceuticals. *Heliyon*, 9(6). <https://doi.org/10.1016/j.heliyon.2023.e16628>
- Jay, J. M. (2005). Miscellaneous Food Products. In *Modern Food Microbiology*. https://doi.org/10.1007/978-1-4615-4427-2_9
- Juhász, A. E., Greff, D., Teutsch, B., Gede, N., Hegyi, P., Horváth, E. M., Deák, P., Nyirády, P., Ács, N., & Juhász, R. (2023). Galactomannans are the most effective soluble dietary fibers

- in type 2 diabetes: a systematic review and network meta-analysis. *American Journal of Clinical Nutrition*, 117(2), 266–277. <https://doi.org/10.1016/j.ajcnut.2022.12.015>
- Khan, A., Safdar, M., Ali Khan, M. M., Khattak, K. N., & Anderson, R. A. (2003). Cinnamon Improves Glucose and Lipids of People with Type 2 Diabetes. *Diabetes Care*, 26(12), 3215–3218. <https://doi.org/10.2337/diacare.26.12.3215>
- Kim, M. Y., Kim, E. J., Kim, Y. N., Choi, C., & Lee, B. H. (2012). Comparison of the chemical compositions and nutritive values of various pumpkin (Cucurbitaceae) species and parts. *Nutrition Research and Practice*, 6(1), 21–27. <https://doi.org/10.4162/nrp.2012.6.1.21>
- Kristiandi, K., Rozana, Junardi, & Maryam, A. (2021). Analisis Kadar Air, Abu, Serat Dan Lemak Pada Minuman Sirup Jeruk Siam (*Citrus nobilis* var. *microcarpa*). *Jurnal Keteknik Pertanian Tropis Dan Biosistem*. Vol.9 (2).
- Kurniawati, K., & Ayustaningwarno, F. (2012). Pengaruh Substitusi Tepung Terigu Dengan Tepung Tempe Dan Tepung Ubi Jalar Kuning Terhadap Kadar Protein, Kadar B-Karoten, Dan Mutu Organoleptik Roti Manis. *Journal of Nutrition College*, 1(1), 344–351. <https://doi.org/10.14710/jnc.v1i1.511>
- Kusnandar, F. (2019). *Kimia Pangan Komponen Makro*. Bumi Aksara.
- Lisa S. 2016. Formulasi dan karakterisasi snack bar berbasis tepung beras hitam (*Oryza Sativa* L.) dan tepung kacang hijau (*Phaseolus Radiatus* L.) Sebagai Alternatif Camilan Sehat. [Skripsi]. Solo (ID): Universitas Sebelas Maret.
- Mamat, H., & Hill, S. E. (2014). Effect of fat types on the structural and textural properties of dough and semi-sweet biscuit. *Journal of Food Science and Technology*, 51(9), 1998–2005. <https://doi.org/10.1007/s13197-012-0708-x>
- Manurung, I. M., Asbari, M., Putra, A. R., Santoso, G., & Rantina, M. 2023. Unity in Salinity: Bagaimana Hidup Tanpa Garam? *Jurnal Pendidikan Transformatif (JUPETRA)*, 2(2), 6–10.

- Manikam, A. S., Shynta Pertiwi, W., Hidayanto, A., & Harismah, K. (2017). Potensi Ekstrak Daun Stevia (*Stevia Rebaudiana* Bertoni) pada Formulasi Obat Kumur Terhadap Aktivitas Antibakteri *Streptococcus Mutans*. *University Research Colloquium*, 27–31.
- Marlina, Wijayanti, D., Yudiastari, I. P., & Safitri, L. (2017). Pembuatan Virgin Coconut Oil dari Kelapa Hibrida Menggunakan Metode Penggaraman Dengan NaCl dan Garam Dapur. *Journal Chemungry*, 01(2), 1–12. <https://doi.org/10.2207/jjws.91.328>
- McGuire, R. G. (1992). Reporting of Objective Color Measurements. *HortScience*, 27(12), 1254–1255. <https://doi.org/10.21273/hortsci.27.12.1254>
- Men, X., Choi, S. Il, Han, X., Kwon, H. Y., Jang, G. W., Choi, Y. E., Park, S. M., & Lee, O. H. (2021). Physicochemical, nutritional and functional properties of *Cucurbita moschata*. *Food Science and Biotechnology*, 30(2), 171–183. <https://doi.org/10.1007/s10068-020-00835-2>
- Mohsin, S. N., Saleem, F., Humayun, A., Tanweer, A., & Muddassir, A. (2023). Prospective Nutraceutical Effects of Cinnamon Derivatives Against Insulin Resistance in Type II Diabetes Mellitus—Evidence From the Literature. *Dose-Response*, 21(3), 1–12. <https://doi.org/10.1177/15593258231200527>
- Mondelez International. 2020. Global Consumer Trends. Jakarta (ID): Mondelez International.
- Muhammad, D. R. A., Tuenter, E., dan Patria, G. D. (2021). Phytochemical composition and antioxidant activity of *Cinnamomum burmannii* Blume extracts and their potential application in white chocolate. *Food Chemistry*, 340(December 2019), 127983. <https://doi.org/10.1016/j.foodchem.2020.127983>
- Nakajima, N., Nozaki, N., Ishihara, K., Ishikawa, A., & Tsuji, H. (2005). Analysis of isoflavone content in tempeh, a fermented

- soybean, and preparation of a new isoflavone-enriched tempeh. *Journal of Bioscience and Bioengineering*, 100(6), 685–687. <https://doi.org/10.1263/jbb.100.685>
- Novidahlia, N., Ulfa, S. M., & Rohmayanti, T. (2022). Formulasi *Food bar* Sebagai Pangan Darurat Berbasis Tepung Ubi Jalar Oranye (*Ipomoea batatas* L.) Dan Tepung Kacang Merah (*Phaseolus vulgaris* L.). *Jurnal Agroindustri Halal*, 8(1), 128–136.
- Nurrahman, & Astuti, R. (2022). Analisis Komposisi Zat Gizi dan Antioksidan Beberapa Varietas Labu Kuning (*Cucurbita moschata* Durch). *Jurnal Teknologi Industri Pertanian*, 16(4), 544–552. <https://doi.org/10.21107/agrointek.v16i4.12336>
- Paiva, A. P., de Píccolo, M. B. F., de Ribeiro, J. P. A., Ferreira, E. B., & Ciabotti, S. 2012. Caracterização de barras alimentícias elaboradas com subprodutos e resíduos agroindustriais. *Ciencia e Agrotecnologia*, 36(3), 333–340. <https://doi.org/10.1590/S1413-70542012000300009>
- PATPI. (2021). *Perspektif Global Ilmu dan Teknologi Pangan Jilid 2 (Perhimpunan Ahli Teknologi Pangan Indonesia)*.
- Pratama, R. intan, Rostina, I., & Liviawaty, E. (2014). Karakteristik Biskuit dengan Penambahan Tep. *Jurnal Akuatika Indonesia*, 5(1), 30–39.
- Purwati, & Nugrahini, T. (2018). *Jurnal Abdimas Mahakam. Pemanfaatan Buah Kolang Kaling Dari Hasil Perkebunan Sebagai Pangan Fungsional*, 2(1), 25.
- Puspita, D., Mangalik, G., Chelvin Kristover, H., Pangan, T., Kristen Satya Wacana, U., Kartini, J., & Artikel, S. (2022). Formulasi Foodbar Untuk Pemenuhan Kebutuhan Atlet (Foodbar Formulation To Fulfill The Needs Of Athletes). *Science Technology and Management Journal*, 2(2), 51–55. <http://journal.unkartur.ac.id/index.php/stmj>
- Raini, M., & Ani, I. (2012). Kajian: Khasiat Dan Keamanan Stevia Sebagai Pemanis Pengganti Gula. *Media of Health Research and Development*, 21(4 Des), 145–156.

- <https://doi.org/10.22435/mpk.v21i4Des.50>.
- Ramadhani, L. D. (2021). *Formulasi snack bar berbasis labu kuning (Cucurbita moschata) dan tempe sebagai pangan fungsional immune booster*.
- Sarmi, Ratnani, R. D., & Indah, H. (2016). Isolasi Senyawa Galaktomannan *Momentum*, 12(1), 21–25.
- Setyaningsih, D., Apriyantono, A., & Sari, M. (2010). *Analisis Sensori untuk Industri Pangan dan Agro*. IPB Press.
- Shiina, K., Tomiyama, H., Matsumoto, C., Komatsu, S., Natsume, M., Oba, C., Ohshiba, Y., Yamaji, T., Chikamori, T., & Yamashina, A. (2019). Gender difference in the effects of cacao polyphenols on blood pressure and glucose/lipid metabolism in prediabetic subjects: a double-blinded, randomized, placebo-controlled crossover trial. *Hypertension Research*, 42(7), 1083–1085. <https://doi.org/10.1038/s41440-019-0208-8>
- Silva, E. C., Sobrinho, V. S., & Cereda, M. P. (2013). Stability of cassava flour-based *food bars*. *Food Science and Technology*, 33(1), 192–198. <https://doi.org/10.1590/S0101-20612013005000025>
- Subaktilah, Y., Wahyono, A., Yudiastuti, S. O. N., & Mahros, Q. A. (2021). Pengaruh Substitusi Tepung Labu Kuning (Cucurbita moschata L) terhadap Nilai Gizi Brownies Kukus Labu Kuning. *Jurnal Ilmiah Inovasi*, 21(1), 18–21. <https://doi.org/10.25047/jii.v21i1.2629>
- Tarwendah, I. P. (2017). Jurnal Review: Studi Komparasi Atribut Sensoris Dan Kesadaran Merek Produk Pangan. *Jurnal Pangan Dan Agroindustri*. Vol.5 (2): 66-73.
- Teychené, J., Roux-de Balmann, H., Maron, L., & Galier, S. (2020). Interactions in saccharide/cation/water systems: Insights from density functional theory. *Food Chemistry*, 327(December 2019), 127054. <https://doi.org/10.1016/j.foodchem.2020.127054>
- Trisnawati, W., Suter, K., Suastika, K., & Putra, N. K. (2014).

Pengaruh Metode Pengeringan Terhadap Kandungan Antioksidan , Serat Pangan dan Komposisi Gizi Tepung Labu Kuning. 3(4), 135–140.

Van Leeuwen, J. (Hans), Rasmussen, M. L., Sankaran, S., Koza, C. R., Erickson, T. D., Mitra, D., & Jin, B. (2012). Sustainable Bioenergy and Bioproducts: Value Added Engineering Applications 001. In *Green Energy and Technology* (Vol. 62). <https://doi.org/10.1007/978-1-4471-2324-8>

Winarno, F. (2008). *Ilmu Pangan dan Gizi*. Gramedia Pustaka Utama.

Yadav, L. (2021). Advances in Nutrition (Volume - 3). In *Advances in Nutrition* (Issue April, p. 155). AkiNik Publications. <https://doi.org/https://doi.org/10.22271/ed.book.1123>

Zhou, C. L., Mi, L., Hu, X. Y., & Zhu, B. H. (2017). Evaluation of three pumpkin species: correlation with physicochemical, antioxidant properties and classification using SPME-GC-MS and E-nose methods. *Journal of Food Science and Technology*, 54(10), 3118–3131. <https://doi.org/10.1007/s13197-017-2748-8>

