

## DAFTAR PUSTAKA

- [AOAC] Association of Analytical Chemist. 1995. Official Method Analysis Ed 16. Washington DC : AOAC Int.
- [BSN] Badan Standardisasi Nasional. 1996. SNI 01-4309-1996. Syarat Mutu Kue Basah. Jakarta: Badan Standarisasi Nasional Indonesia.
- [BSN] Badan Standardisasi Nasional. 2010. SNI 01-4309-1996. Syarat Mutu Gula Pasir Jakarta: Badan Standarisasi Nasional Indonesia.
- Adhitama, R. 2020. Pengaruh Penambahan Variasi Konsentrasi Pemanis Stevia Dan Lama Fermentasi Teh Hijau (*Camellia sinensis*) Terhadap Kualitas Teh Kombucha. *Skripsi*. Universitas Islam Negeri Raden Intan. Lampung.
- Afrianto, R., Restuhadi, F., Zalfiatri, Y. 2017. Analisis Pemetaan Kesukaan Konsumen Pada Produk Bolu Kemojo Di Kalangan Mahasiswa Fakultas Pertanian Universitas Riau. *Jom FAPERTA* Vol. 4 No. 2 Oktober 2017.
- Ardana, K.B., M.H. Pramudya., dan A.H. Tambunan. 2008. Pengembangan tanaman jarak pagar (*Jatropha curcas* L) mendukung kawasan mandiri energi di Nusa Penida, Bali. *Jurnal Littri*, 14 (4), 155-161.
- Ashari, N., Yogha, S., Lasmanawati, E. 2021. Teaching Preservation of Kemojo Cake (Bolu Kemojo) as A Traditional Cake of The Malay Community of Riau Province. *Indonesian Journal of Multidisciplinary Research*. Vol. 1 No. 2 tahun 202, Hal : 229-234.
- Barroso, M.L., Barros, M.A., Rodrigues, M.J., Sousa, C.S., Beulga, Ferreira. 2016. Stevia rebaudianan Bertoni cultivated in Portugal : a prospective study of its antioxidant potential in different conservation condition. *Industrial Crops and Products*. 90(1) : 49-55.
- Carbonell-Capella, J.M., Zlabur, J.S., Brn̄ci'c, S.R., Barba, F.J., Grimi, N., Koubaa, M., Brn̄ci'c, M., Vorobiev, E., 2017. Electrotechnologies, microwaves, and ultrasounds combined with binary mixtures of ethanol and water to extract steviol glycosides and antioxidant compounds from Stevia rebaudiana leaves. *J. Food Process. Preserv.* 41 (13179), 1–8. <https://doi.org/10.1111/jfpp.13179>

- Chandra, A., Novalia, N., 2014. Studi Awal Ekstraksi Batch Daun Stevia Rebaudiana Bertoni Dengan Variabel Jenis Pelarut dan Temperatur. Jurusan Teknik Kimia, Fakultas Teknologi Industri Universitas Katolik Parahyangan, Bandung
- Chattopadhyaya, D. 2007. Stevia : Prospect as an Emerging Natural Sweetner. Veena Sharma International Food Devison, India.
- Diatin, I., M.P. Sobari., dan Irianni, R. 2007. Analisis kelayakan finansial budidaya ikan nila wanayasa pada kelompok pembudidaya mekarsari. *Jurnal Akuakultur Indonesia*, 6 (1), 97-102.
- Díaz-García, A., Salvá-Ruíz, B., Bautista-Cruz, N., & Condezo-Hoyos, L. (2021). *Optimization of a natural low-calorie antioxidant tea prepared from purple corn (Zea mays L.) cobs and stevia (Stevia rebaudiana Bert.)*. *LWT*, 150, 111952. doi:10.1016/j.lwt.2021.111952
- Formigoni, M., Zorzenon, M.R.T., Milani, P.G., Raspe, D.T., Ciotta, S.R., Dacome, A.S., Costa, S.C., 2020. Conventional extraction techniques. Chapter 6.. In: Galanakis, C. M. (Ed.), *Steviol Glycosides*. Elsevier, India, pp. 134–156. <https://doi.org/10.1016/C2019-0-00665-6>.
- Gandhi, S., Gat, Y., Arya, S., Kumar, V., Panghal, A., Kumar, A. 2018. Natural sweeteners: health benefits of stevia. *Foods and Raw Materials*. 6(2): 392–402.
- Gao, J., Brennan, M.A., Mason, S.L., Brennan, C.S. 2017. Effect of sugar substitution with “Stevianna” on the sensory characteristics of muffins. *Journal of Food Quality*, 2017(Article ID 8636043), 1–11. <http://doi.org/10.1155/2017/8636043>.
- Ghazi, I., Wicaksono, B., Abdullah. 2013. Penghilangan Warna Coklat Larutan Gula Stevia Menggunakan Karbon Aktif. *Jurnal Teknologi Kimia dan Industri*. Vol 2, No.4 (2013), 198-204.
- Ghidouche, S., Rey, B., Michel, M., & Galaffu, N. 2013. A Rapid Tool for The Stability Assessment of Natural Food Colours. *Food Chemistry*, 139, 978–985. <https://doi.org/10.1016/j.foodchem.2012.12.064>
- Hajihashemi, S., Geuns, J.M.C. 2013. Radical scavenging activity of steviol glycosides, steviol glucuronide, hydroxytyrosol, metformin, aspirin and leaf extract of Stevia rebaudiana. *Free Radicals and Antioxidants*.

- Hastuti., Endang, S. 2011. Studi pengembangan variasi bolu kemojo jas Pekanbaru dengan buah sebagai penambah rasa dan aroma. Diploma thesis, Universitas Negeri Malang.
- Hermansyah, R. 2010. Pembuatan Nugget Udang Rebon dengan Bahan Pengikat Jagung dan Tepung Beras. Skripsi. Jurusan Teknologi Hasil Pertanian. Universitas Andalas. Padang.
- Herudiyanto, M., S. dan Hudaya, S. 2009. Teknologi Pengolahan Roti dan Kue. Jatinangor: Widya Padjajaran. 110 hal.
- Huang., Yu-Chi., Chang., Yuang-Ho., Shao, Yi-Yuan. 2005. Effect Of Genotype And Treatment On The Antioxidant Activity Of Sweet Potato In Taiwan. *Food Chemistry*.98:529-538.
- Idham, A., Lestari, T., dan Adriani, D. 2010. Analisis finansial sistem usaha tani terpadu (integrated farming system) berbasis ternak sapi di kabupaten oganilir. *Jurnal Pembangunan Manusia* 6.
- Imam, T., Sulistiana. 2011. Uji kalor bahan bakar campuran bioetanol dan minyak goreng bekas. *Jurnal Neutrino*, 3(2), 163-174.
- Indarwati, D. 2015. Aktivitas Antioksidan dan Total Fenol Seduhan Teh Herbal Pacar Air (*impatiens balsamina L.*) dengan Variasi Metode Pengeringan dan Konsentrasi. Artikel Penelitian. Universitas Muhammadiyah Surakarta. Surakarta. Hal 40.
- Jeppesen, P., Gregersen, S., Alstrup, K.K., Hermansen, K. 2002. Stevioside induces antihyperglycaemic, insulinotropic and gluconostatic effects in vivo: studies in the diabetic Goto-Kakizaki (GK) rats. *Phytomedicine*, 9, 9:14.
- Khatun, C.S., Muhit, M.A., Hossain, J. 2021. Isolation of phytochemical constituents from *Stevia rebaudiana* (Bert.) and evaluation of their anticancer, antimicrobial and antioxidant properties via in vitro and in silico approaches. *Heliyon* 7 (2021) e08475. <https://doi.org/10.1016/j.heliyon.2021.e08475>
- Koswara, S. 2009. Teknologi Pengolahan Roti. Unimus: eBookPangan.com. 26 hal.
- Kroyer, G. 2018. Stevioside and Stevia-sweetener in food: application, stability and interaction with food ingredients. *J Verbrauch Lebensm.* 2010 (5) : 225-229.
- Kumar, S., Jha, J.K., Singh, P. 2007. Stevia ; a natural petential source of sugar replacer. *Beverange and Food World.* 34(7) :70-71.

- Kusumaningsih, T., Asrilya, N.J., Wulandari, D.R.T., Wardani., dan Fatikhin, K. 2015. Pengurangan kadar tanin pada ekstrak *Stevia rebaudiana* dengan menggunakan karbon aktif. *ALCHEMY Jurnal Peneliti Kimia*. 11(1) : 81-89.
- Kusuma, P.T., Hidayat., Indrianti, N. 2012. Analisis kelayakan finansial pengembangan usaha kecil menengah (UKM) nata de coco di Sumedang, Jawa Barat. *Jurnal Teknotan*, 6, 670-676.
- Manisha, G., Soumya, C., Indrani, D. 2012. Studies on interaction between stevioside, liquid sorbitol, hydrocolloids and emulsifiers for replacement of sugar in cakes. *Food Hydrocolloids* 29: 363-373
- Mardiyarningsih, A., Resmi, A. 2014. Pengembangan Potensi Ekstrak Daun Pandan (*Pandanus amrillifolius* Roxb) Sebagai Agen Antibakteri. *Jurnal*. Yogyakarta: Program Studi Farmasi Poltekkes Bhakti Setya Indonesia Yogyakarta.
- Markom M, Hasan M, Daud W, Singh H, Jahim J. 2007. Extraction of hydrolysable tannins from *Phyllanthus niruri* Linn.: Effects of solvents and extraction methods. *Separation and Purification Technology*, 52(3), 487–496. <http://doi.org/10.1016/j.seppur.2006.06.003>
- Marlina, A., Widiastuti, E. 2018. Pembuatan Gula Cair Rendah Kalori Dari Daun Stevia *Rebaudiana Bertoni* Secara Ekstraksi Padat-Cair. *IRONS*. Polban. Bandung.
- Martínez-Cervera, S., Salvador, A., Sanz, T. 2014. Comparison of different polyols as total sucrose replacers in muffins: Thermal, rheological, texture and acceptability properties. *Food Hydrocolloids*, 35, 1–8.
- Martinez-Cervera, S., T. Sanz, Salvador, A., Fiszman S.M. 2012. Rheological, textural and sensorial properties of low-sucrose muffins reformulated with sucralose/ polydextrose. *LWT - Food Sci. and Technol.*, 45: 213-220.
- Masyitoh, M.D., Dewanti, R., Setyorini, D. 2016. Analisis Profil Protein Ekstrak Aquades dan Etanol Daun Mimba (*Azadirachta Indica* A. Juss) dengan Metode SDS-PAGE (Protein Profile Analysis of Aquadest and Ethanol Extract of Neem Leaves by Means of SDS-PAGE Method). *e-Jurnal Pustaka Kesehatan*, 4(3), September, 2016.
- Mawaddah, W. 2017. Pembuatan Tepung Siap Olah Bolu Kemojo Berbahan Dasar Mocaf (Modified cassava flour) dengan Penambahan Bubuk Jahe (*Zingiber officinale*). Skripsi. Padang: Fakultas Teknologi Pertanian. Universitas Andalas.

- Medrano, J.R.M., Contreras, J.R.T., Banuet, J.I.V., Quinones, M.D.M., Sánchez, M.V., Bernal, D.A., 2019. Effect of the solid–liquid extraction solvent on the phenolic content and antioxidant activity of three species of Stevia leaves. *Sep. Sci. Technol.* 54, 2283–2293. <https://doi.org/10.1080/01496395.2018.1546741>.
- Megeji, N.W., Kumar J.K., Singh., Virendra., Kaul, V.K, dan Ahuja, P.S. 2005. Introducing *Stevia rebaudiana*, a natural zero-calorie sweetener. *Current Science Institute of Himalaya Bioresource Technology.* 88(5) : 801-804.
- Miller, R.A., Dann, O.E, Oakley, A.R., Angermayer, M.E., Brackebusch, K.H. 2017. Sucrose replacement in high ratio white layer cakes. *Journal of the Science of Food and Agriculture*, 97(10), 3228–3232
- Mulyanto, A., Mulyani, S., Wartini, N.M. 2021. The Effect of Stevia rebaudiana Bertoni Addition Percentages and Brewing Duration on The Characteristics of Tamarind Turmeric Drink. *Jurnal Rekayasa dan Manajemen Agroindustri.* Vol. 9, No. 2, 174-185 Juni 2021.
- Nielsen, S.Z. 2010. *Food Analysis* (4th ed). New York: Springer Science
- Nugraheni, M. 2014. *Pewarna Alami; Sumber dan Aplikasinya Pada Makanan dan Kesehatan.*Yogya : Graha Ilmu.
- Obreiter, M., Roseno, A. 2017. Sucralose and Stevia Substitution in Lemon Pound Cake: A Sensory Evaluation. *Journal of the Academy of Nutrition and Dietetics*, 117(9), A63. <https://doi.org/10.1016/j.jand.2017.06.195>
- Pratiwi, G.S. 2016. Pengaruh Cara Pengeringan Terhadap Aktivitas Antioksidan Daun Stevia (*Stevia rebaudiana*). *Karya Tulis Ilmiah Poltekkes Kemenkes Bandung, Bandung.*
- Pujawan, I.N. 2004. *Ekonomi Teknik.* Penerbit Guna Widya, Surabaya.
- Ramadhani, D.A., Mulyani, S. 2018. Pengaruh Substitusi Tepung Terigu Dengan Tepung Sagu Terhadap Tingkat Kesukaan Bolu Kemojo. *Jurusan Gizi Politeknik Kesehatan Kemenkes Riau.* Vol. 7 No. 2, November 2018, hlm 68-73.
- Raraswati, B.A. 2015. Eksperimen Pembuatan Bolu Zebra Bahan Dasar Tepung Terigu Komposit Tepung Ubi Jalar Kuning (*Ipomoea Batatas* (L).Lam). *Skripsi.* Fakultas Teknik. Universitas Semarang.
- Raspe, D.T., Ciotta, S.R., Zorzenon, M., Dacome, A.S., Silva, C.S., Milani, P., Costa, S. 2021. Ultrasound-assisted extraction of compounds from Stevia leaf pretreated

with ethanol. *Industrial Crops and Products*.  
<https://doi.org/10.1016/j.indcrop.2021.114035>

- Ratnani, R.D., Aggraeni, R. 2005. Eksraksi gula stevia dari tanaman stevia rebaudiana Bartoni, *Momentum*, 1(2) : 27-32.
- Riansyah, H., Maharani, D.M., Nugroho, A. 2021. Intensity And Stability Of Dyes From The Leaves Of Pandan, Suji, Katuk, And Moringa As Natural Green Dyes. *Jurnal Teknologi Industri Pertanian*. Universitas Lampung Mangkurat. Lampung.
- Rukman, H.R. 2003. *Budidaya Stevia, Bahan Pembuatan Pemanis Alami*. Penerbit Kanisius, Yogyakarta.
- Santosa, A.P., Purnawanto, A.M. 2021. Karakteristik Brownies Panggang dengan Substitusi Tepung Bengkuang (*Pachyrizus erosus* L.) dan Pemanis Daun Stevia (*Stevia rebaudiana* Bertoni M.).
- Setyaningsih, D.A., Apriyanto., Sari, P.M. 2010. *Analisis Sensori Untuk Industri Pangan Dan Agro*. Bogor: IPB Press. Hal 180.
- Shukla, S., Mehta, A., Bajpai, V.K., Shukla, S. 2009. In vitro antioxidant activity and total phenolic content of ethanolic leaf extract of *Stevia rebaudiana* Bert. *Food Chem Toxicol*. 2009 ; 47:2338-43. <https://doi.org/10.1016/j.fct.2009.06.024>
- Sihaloho, R.C., Nurlena., Gusnadi. 2020. Pemanfaatan Bayam Dan Ampas Kopi Arabika Dalam Pembuatan Bolu Kemojo 2020. *e-Proceeding of Applied Science* : Vol.7, No.5 Oktober 2021. ISSN : 2442-5826
- Singh, D.P., Kumari, M., Prakash, H.G., Rao, G.P., Solomon, S. 2019. Phytochemical and pharmacological importance of stevia: A calorie-free natural sweetener. *Sugar Tech*, 21, 1–8. <https://doi.org/10.1007/s12355-019-00704-1>
- Sudong, Y., Tiong R.L.K. 2002. NPV-at risk method in infrastructure project investment evaluation. *Journal of Construction Engineering and Management*. 126 (3), 227-233
- Sukasih, E., Prabawati, S., Hisayat, T. 2009. Optimasi Kecukupan Panas Pada Pasteurisasi Santan dan Pengaruhnya Terhadap Mutu Santan Yang Dihasilkan. *Jurnal Pascapanen*. 2009:34-42.
- Sukeaw-Samakradhamrongthai, R., Jannu, T. 2021. Effect of stevia, xylitol, and corn syrup in the development of velvet tamarind (*Dialium indum* L.) chewy candy. *Food Chemistry*, 352, 129353. <https://doi.org/10.1016/j.foodchem.2021.129353>

- Surahman, D.N., Astro, H.M., Priyatna, H. 2007. Nanas dan Produk Olahannya. LIPI Press, Jakarta.
- Tambunan. 2008. Pengembangan tanaman jarak pagar (*Jatropha curcas* L) mendukung kawasan mandiri energi di Nusa Penida, Bali. *Jurnal Littri*, 14 (4), 155-161.
- Thomas, J.E., Glade, M.J. 2010. Stevia : it's not just about calories. *The Open Obesity Journal*. 1(2) : 101-109.
- Vatankhah, M., Garavand, F., Elhamirad, A., Yaghbani, M. 2015. Influence of sugar replacement by stevioside on physicochemical and sensory properties of biscuit. *Quality Assurance and Safety of Crops & Foods*, 7(3), 393– 400. <https://doi.org/10.3920/qas2014.0396>
- Wang, Z., Xue, L., Guo, C., Han, B., Pan, C., Zhao, S., Ma, Q. 2012. Stevioside ameliorates high-fat diet-induced insulin resistance and adipose tissue inflammation by down regulating the NF- $\kappa$ B pathway. *Biochemical and Biophysical Research Communications* 417: 1280-1285
- Wedowati, E.R., Puspitasari, D., Rejeki, F.S. 2015. Gula Siwalan Sebagai Bahan Pemanis Alami dan Aman: Tinjauan dari Kandungan Kalori dan Indeks Glikemik. *Prosiding Seminar Agroindustri dan Lokakarya Nasional FKPT-TPI Program Studi TIP-UTM*, 2-3 September 2015.
- Winarno, F.G. 2004. *Kimia Pangan dan Gizi*. Jakarta : PT Gramedia Pustaka Utama.
- Wulandari, R., Rachmawanti, D., Ishartani, D. 2014. Penggunaan Pemanis Rendah Kalori Pada Pembuatan Velva Ubi Jalar Ungu (*Ipomoea batatas* L.). *Jurnal Teknosains Pangan* Vol 3 No. 3 Juli 2014.
- Yilmaz, F.M., Gorgüç, A., Uygun, O., Bircan, C., 2020. Steviol glycosides and polyphenols extraction from *Stevia rebaudiana* Bertoni leaves using maceration, microwave-, and ultrasound-assisted techniques. *Sep. Sci. Technol.* 936–948. <https://doi.org/10.1080/01496395.2020.1743311>.
- Yoshito, Ikada. 2006. *Tissue Engineering Fundamental and Application*. California. Academic Press. 2006.
- Yulianti, D.B., Susilo., Yulianingsih, R. 2014. Pengaruh lama ekstraksi dan konsentrasi pelarut etanol terhadap sifat fisika-kimia ekstrak daun stevia (*Stevia rebaudiana* Bertoni M.) dengan metode microwave assisted extraction (MAE). *Jurnal Bioproses Komoditas Tropis*. 2(1) : 35-41

Zahn, S., Forker, A., Krügel, L., Rohm, H. 2013. Combined use of rebaudioside A and fibres for partial sucrose replacement in muffins. *LWT - Food Science and Technology*, 50(2), 695–701. doi:10.1016/j.lwt.2012.07.026

Zain, Z.I., Nurjanah, S., Nurhadi, B. 2020. Pengaruh Jumlah Bahan Baku serta Waktu Ekstraksi terhadap Karakteristik dan Umur Simpan Ekstrak Stevia Cair. *EKNOTAN*, Vol. 14, No. 2, Desember 2020 ISSN 1978-1067. <https://doi.org/10.24198/jt.vol14n2.5>

