

6. DAFTAR PUSTAKA

- Agustine, C. 2019. Protection Effect of Okra on The Viability of Probiotics in Yogurt. Soegijapranata Catholic University. Internship Report. Providence University.
- Akande, M. O., Oluwatoyinbo, F. I., Adediran, J. A., Buari, K. W., & Yusuf, I. O. 2004. Soil Amendments Affect the Release of P from Rock Phosphate and the Development and Yield of Okra. *Journal of Vegetable Crop Production*, 9(2): 3–9.
- AOAC. 2005. *Official Methods of Analysis of AOAC International*. 18th Edition. AOAC International. USA.
- Arapitsas, P. 2008. Identification and quantification of polyphenolic compounds from okra seeds and skins. *Food Chemistry*, 110 (4), 1041–1045.
- Benchasri, S. 2012. Okra (*Abelmoschus esculentus* (L.) Moench) as a Valuable Vegetable of the World. *Ratar. Povrt.* 49: 105-112.
- Bohari, A. R. 2018. *Pangan Fungsional Berkhasiat Antioksidan*. Mulawarman University Press. Samarinda.
- Brand-Williams, W., Cuvelier, M. E., & Berset, C. 1995. Use of a Free Radical Method to Evaluate Antioxidant Activity. *Lebensm-Wiss. u-Technol.* 28: 25–30.
- Corrieu, G., & Béal, C. 2016. *Yogurt: The Product and its Manufacture*. In *Encyclopedia of Food and Health* (1st ed., Vol. 5, pp. 617–624). Elsevier Ltd.
- Failasufa, M. K., Sunarto, W., dan Pratjojo, W. 2015. Analisis Proksimat Yoghurt Probiotik Formulasi Susu Jagung Maniskedelai Dengan Penambahan Gula Kelapa (Cocos Nucifera) Granul. *Indonesian Journal of Chemical Science*. 4(2): 118-121.
- Faisal, H. 2019. Uji Aktivitas Antioksidan Ekstrak Etanol Buah Okra (*Abelmoschus esculentus* L. Moench) Dengan Metode DPPH (1,1- difenil-2-pikrilhidrazil) dan Metode ABTS (2,2-azinobis-(3-Ethylbenzothiazoline-6-Sulfonic Acid). *Regional Development Industry & Health Science, Technology and Art of Life*. Hal: 1-5.
- Fauza, A., Djamiatun, K., & Al-Baarri, A. N. 2019. Studi Karakteristik dan Uji Aktivitas Antioksidan dari Tepung Buah Okra (*Abelmoschus esculentus*). *Jurnal Aplikasi Teknologi Pangan*, 8(4): 137–140.
- Fessard, A., Kapoor, A., Patche, J., Assemat, S., Hoarau, M., Bourdon, E., Remize, F. 2017. Lactic Fermentation as an Efficient Tool to Enhance the Antioxidant Activity of Tropical Fruit Juices and Teas. *Microorganisms*. 5(23): 1–20.
- Food and Agriculture Organization of the United Nations. *Codex Standard For Fermented Milks*. Revision of 2010. CODEX STAN 243-2003.
- Garba, R., Ndife, J., and Idoko, F. 2014. Production And Quality Assessment Of Functional Yoghurt Enriched With Coconut. *International Journal of Nutrition and Food Sciences*. 3(6): 545-550.
- Ghasemzadeh, A., & Ghasemzadeh N. 2011. Flavonoids and pHenolic acids: Role and biochemical activity in plants and human. *Journal of Medicinal Plants Research* 5(31).

- Gjorgievski, N., Tomovska, J., Dimitrovska, G., Makarijoski, B., Shariati, M.A. 2014. Determination Of The Antioxidant Activity In Yogurt. *Journal of Hygienic Engineering and Design*. Hal: 88-92.
- Hartajanie, L., Fatimah-Muis, S., Heri-Nugroho HS, K., Riwanto, I., & Sulchan, M. 2020. Probiotics Fermented Bitter Melon Juice as Promising Complementary Agent for Diabetes Type 2: Study on Animal Model. *Journal of Nutrition and Metabolism*, 2020: 1–7.
- Harwalkar, M., Bhambere, D., Gaidhani, K. A., and Nirgude, P. S. 2015. *Lyophilization/Freeze Drying*. *World Journal of Pharmaceutical Research*. 4(8): 516-543.
- Haryadi, Nurliana dan Sugito. 2013. Nilai pH dan jumlah bakteri asam laktat kefir susu kambing setelah difermentasi dengan penambahan gula dengan lama inkubasi yang berbeda. *Jurnal Medika Veterinaria*. 7(1): 4 – 7.
- Hermiani, A., Rimbawan, Setiawan, B., Astuti, D. A., Udin, L. A. 2015. Karakteristik Yoghurt Kering Yang Diperkaya Difruktose Anhydride Iii Dari Umbi Dahlia Sebagai Minuman Fungsional. *Agritech*. 35 (2): 137-142.
- Howlett, J. 2008. *Functional Foods From Science to Health and Claims*. International Life Sciences Institute. Europe.
- Jannah, A. M., Legowo, A. M., Pramono, Y. B., Abduh, S. B. M., dan Al-Baarri, A.. M. 2014. Total Bakteri Asam Laktat, pH, Keasaman, Citarasa dan Kesukaan *Yogurt Drink* dengan Penambahan Ekstrak Buah Belimbing. *Jurnal Aplikasi Teknologi Pangan*. 3(2): 7-9.
- Khomsug, P., Thongjaroenbuangam, W., Pakdeenarong, N., Suttajit, M., & Chantiratikul, P. 2010. Antioxidative Activities and Phenolic Content of Extracts from Okra (*Abelmoschus esculentus L.*). *Research Journal of Biological Sciences*, 5 (4): 310–313.
- Kumar, P. & Mishra, H. N. 2004. Yoghurt Powder—A Review of Process Technology, Storage and Utilization. *Food And Bioproducts Processing*. 82 (C2): 133–142.
- Kurniasih, N., Rosahdi, T. D., dan Rahman, N. R. 2013. Efektivitas Sari Kedelai Hitam (*Glycine Soja Sieb*) Sebagai Bahan Pangan Fungsional. *Jurnal ISTEK*. 7(1): 52-82.
- Lahtinen, S., Ouwehand, A. C., Salminen, S., Wright, A. V. 2012. *Lactic Acid Bacteria: Microbiological and Functional Aspects*. 4th Edition. CRC Press. USA.
- Lawless H. T. & Heymann H., 2010. *Sensory Evaluation of Food*. Springer Science & Business Media. London.
- Lü, J.-M., Lin, P. H., Yao, Q., & Chen, C. 2010. Chemical and molecular mechanisms of antioxidants: experimental approaches and model systems. *Journal of Cellular and Molecular Medicine*. 14(4), 840–860.
- Lunggani, A. T., Al Faridhi, K. K., & Kusdiyantini, E. 2013. Penambahan Filtrat Tepung Umbi Dahlia (*Dahlia variabilis Willd.*) sebagai Prebiotik dalam Pembuatan Yoghurt Sinbiotik. *Bioma*, 15(2): 64.
- Marques, L. G., Silveira, A. M., and Freire, J. T. 2006. Freeze-drying characteristics of tropical fruits. *Drying Technology*. 24(4): 457–463.

- Meilgaard, M., Vance Civille, G., & Thomas Carr, B. 1999. *Sensory Evaluation Techniques*. 3rd Edition. CRC Press. London.
- Mogol, B. A., Dönmez, O., and Gökmen, V. 2017. Syneresis and rheological behaviors of set *Yogurt* containing green tea and green coffee powders. *American Dairy Science Association*. 100:1–7.
- Mohamed, A.G., A. F. Zayan and Nadia, M. Shahein. 2014. PHysiochemical and sensory evaluation of *Yogurt* fortified with dietary fiber and pHenolic compounds. *Life Science Journal*. 11(9):816-822.
- Oliviera, F.D., A. Mugridge., A.R. Chaves., R.H. Mascheroni., S.Z. Vina. 2012. Quality Attributes of Okra (*Abelmoschus esculentus L. Moench*) Pods as Affected by Cultivar and Fruit Size. *Journal of Food Research*. 1(4):224-233.
- Packer, L., & Obermuller-Jevic, U. C. 2002. Vitamin E: An introduction. In *Antioxidant Vitamins C and E*. AOAC Press. USA.
- Palou, E., E. Mani-Lopez, and A. Lopez- Malo. 2014. Probiotic Viability and Storage of *Yogurts* and Fermented milk prepared with several mixtures of lactic acid bacteria. *J. Dairy Sci*. 97: 2578–2590.
- Pereira, D. I. A., McCartney, A. L., & Gibson, G. R. 2003. An In Vitro Study of the Probiotic Potential of a Bile-Salt-Hydrolyzing *Lactobacillus fermentum* Strain, and Determination of Its Cholesterol-Lowering Properties. *applied and environmental microbiology*, 69 (8): 4743–4752.
- Purbasari, A., Abduh, S. B. M., dan Pramono, Y. B. 2014. Nilai pH, Kekentalan, Citarasa Asam, dan Kesukaan pada Susu Fermentasi dengan Perisa Alami Jambu Air (*Syzygium sp*). *Jurnal Aplikasi Teknologi Pangan* 3 (4): 174-176.
- Richard, T., Lefeuvre, D., Descendit, A., Quideau, S., & Monti, J. P. 2006. Recognition Characters in Peptide-Polyphenol Complex Formation. *Biochimica et Biophysica Acta*, 1760: 951–958.
- Rinto, Sasanti, A. D., dan Fitria, K. 2012. Aktivitas Penghambatan Isolat Bakteri Asam Laktat Ikan Nila Dan Tongkol Terhadap Bakteri Merugikan Produk Perikanan. *JPHPI*.15(2): 94–100.
- Rosiana, N. M., dan Amareta D. I. 2016. Karakteristik *Yogurt* Edamame Hasil Fermentasi Kultur Campuran Bakteri Asam Laktat Komersial Sebagai Pangan Fungsional Berbasis Biji-Bijian. *Jurnal Ilmiah Inovasi*. 1(2) : 84-88.
- Santos, G., Nunes, T. P., Silva, M. A. A. P., Roshental, A., and Pagani, A. A. C. 2018. Development and Acceptance of Freeze-Dried *Yogurt* “Powder *Yogurt*”. *International Food Research Journal*. 25(3): 1159-1165.
- Scher, J., Karam, M.C., Gaiani, C., Hosri, C., Burgain, C. 2013. Effect of Dairy Powders Fortification on *Yogurt* Textural and Sensorial Properties: a Review. *Journal of Dairy Research*. 80: 400-409.
- Senditya, M., Hadi, M. S., Estiasih, T., dan Saparianti, E. 2014. Efek Prebiotik dan Sinbiotik Simplisia Daun Cincau Hitam (*Mesona Palustris* Bl) Secara *In Vivo*. *Jurnal Pangan Agroindustri*. 2(3p): 141-151.

- Setianto, Y. C., Pramono, Y. B., Mulyani, S. 2014. Nilai pH, Viskositas, dan Tekstur Yoghurt Drink dengan Penambahan Ekstrak Salak Pondoh (*Salaca zalacca*). *Jurnal Aplikasi Teknologi Pangan* 3(3): 110-112.
- Shah, N.P. 2003. *Yogurt: the product and its manufacture*. In B. Caballero, L. C. Tmgo, and P. M. Finglas (Eds.), *Encyclopedia of Food Science and Nutrition*. Vol. 10. 2nd edn. Academic press. UK.
- Shekhar, T. C., & Anju, G. 2014. Antioxidant Activity by DPPH Radical Scavenging Method of *Ageratum conyzoides* Linn. Leaves. *American Journal of Ethnomedicine*, 1(4), 244–249.
- Shin, H. S., Ustunol, Z., Pestka, J. J., & Lee, J. H. (2000). Growth and Viability of Commercial *Bifidobacterium* spp. in Skim Milk Containing Oligosaccharides and Inulin. *Journal of Food Science: Food and Microbiology and Safety*, 65(5), 884–887.
- Shinta, K., Hartantyo, H., & Wijayahadi, N. 2016. Pengaruh Probiotik pada Diare Akut: Penelitian dengan 3 Preparat Probiotik. *Sari Pediatri*, 13(2): 89.
- Smid, E.J., and Kleerebezem, M. 2014. Production of Aroma Compounds in Lactic Fermentations. *Annual Review of Food Science and Technology*. 5: 313–326.
- Tamime, A. Y., and Robinson, R. K. 2000. *Yogurt Science and Technology*. Second edition. CRC Press. USA.
- U.S Dairy Export Council. 2010. Yogurt Powder Ingridients. <https://www.thinkusadairy.org/> diakses pada tanggal 8 Juni, 2020.
- Werdhasari, A. 2014. Peran Antioksidan Bagi Kesehatan. *Jurnal Biotek Medisiana Indonesia*. 3(2): 59-68.
- WGO. 2017. *Probiotics and prebiotics*. World Gastroenterology Organisation. USA.
- WHO, & FAO. 2001. *Probiotics in food: Health and nutritional properties and guidelines for evaluation*. World Health Organization & Food and Agriculture Organization of The United Nations.
- WHO, & FAO. 2002. *Guidelines for the Evaluation of Probiotics in Food*. World Health Organization & Food and Agriculture Organization of The United Nations.
- Widhyastuti, N., Safitri, R. M., Saskiawan, I., dan Setiarto, R. H. B. 2017. Pengaruh Variasi Konsentrasi Inulin Pada Proses Fermentasi Oleh *L. Acidophilus*, *L. Bulgaricus* dan *S. Thermophilus*. *Biopropal Industri*. 8(1): 1-17.
- Williams, P. A., & Phillips, G. O. 2008. Gums and Stabilisers for the Food : The Changing Face of Food Manufacture: The Role of Hydrocolloids. In P. A. Williams & G. O. Phillips (Eds.), *Gums and Stabilisers for the Food Industry*.
- Winarsi. 2007. Antioksidan Alami dan Radikal Bebas Potensi dan Aplikasinya dalam Kesehatan. Kanisius. Yogyakarta.
- Wojdylo, A., Ski, J. O., and Czemerys, R. 2007. Antioxidant activity and phenolic compounds in 32 selected herbs. *Food Chemistry*. 105: 940-949.
- Yuniastuti, A. 2017. *Probiotik dalam Perspektif Kesehatan*. UNNES Press. Semarang.