

DAFTAR PUSTAKA

- Ahmed, S., Shah, P. & Ahmed, O., 2021. Biochemistry, Lipids. [Online] Available at: <https://www.ncbi.nlm.nih.gov/books/NBK525952/> [Accessed 10 December 2021].
- AOAC, 2005. *Official Methods of Analysis of AOAC International*. 18 ed. Gaithersburg: AOAC International.
- Atmadja, W. S., 1996. Pengenalan Jenis-Jenis Rumput Laut Indonesia. Jakarta: Puslitbang Oseanologi-LIPI.
- Bedoux, G., Hardouin, K., Burlot, A. S. & Bourgougnon, N., 2014. Bioactive Components from Seaweeds: Cosmetic Applications and Future Development. In: *Advances in Botanical Research: Sea Plants*. US: Academic Press, pp. 346-367.
- Belitz, H., Grosch, W. & Schieberle, P., 2016. Food Chemistry. 4 ed. Berlin: Springer.
- BeMiller, J. N., 2010. Carbohydrat Analysis. In: S. S. Nielsen, ed. *Food Analysis*. USA: Springer, pp. 149-175.
- Bradley, R. L., 2010. Moisture and Total Solids Analysis. In: S. Nielsen, ed. *Food Analysis*. USA: Springer, pp. 85-93.
- BSN, 2017. Karaginan murni (Refined Carrageenan) – Bagian 1: Kappa Karaginan - Syarat mutu dan pengolahan. s.l.:BSN.
- Chandan, R. C. & O'Rell, K., 2013. Principle of Yogurt Processing. In: R. C. Chandan & A. Kilara, eds. *Manufacturing Yogurt and Fermented Milks*. USA: John Wiley & Sons, Inc, pp. 239-260.
- Chang, S. K. C., 2010. Protein Analysis. In: S. S. Nielsen, ed. *Food Analysis*. USA: Springer, pp. 133-146.
- Djali, M., Huda, S. & Andriani, L., 2018. Karakteristik Fisikokimia Yogurt Tanpa Lemak dengan Penambahan Whey Protein Concentrate Dan Gum Xanthan. *Agritech*, 38(2), pp. 178-186.
- Fardiaz D. 1989. Hidrokoloid. *Laboratorium Kimia dan Biokimia Pangan*. Pusat Antar Universitas Pangan dan Gizi. Institut Pertanian Bogor. Bogor.

- Ferdouse, F. et al., 2018. The global status of seaweed production, trade and utilization. Rome: FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.
- Fox, P. F., 1987. Cheese: Chemistry, Physics and Microbiology. Vol 1 ed. London: Elsevier Applied Science.
- Hasan, L., N. Yusuf, & L. Mile. (2014). Pengaruh penambahan kappaphycus alvarezii terhadap karakteristik organoleptik dan kimiawi kue tradisional semprong. Jurnal Ilmiah Perikanan dan Kelautan, 2(3): 107-114.
- Hematyar, N., Samarin, A., Poorazarang, H. & Elhamirad, A., 2012. Effect of gums on yogurt characteristics.. World Appl. Sci J., Volume 20, pp. 661-665.
- Hernández-Carmona, G., Freile-Pelegrín, Y. & Hernández-Garibay, E., 2013. Conventional and alternative technologies for the extraction of algal polysaccharides. In: Functional Ingredients from Algae for Foods and Nutraceuticals. Mexico: Woodhead Publishing, pp. 457-516.
- Hill, D., Ross, R. P., Arendt, E. & Stanton, C., 2017. Microbiology of yogurt and bioyogurts containing probiotics and prebiotics. In: Yogurt in health and disease prevention. Oxford: Elsevier, pp. 69-85.
- Imeson, A. P., 2009. Carrageenan and furcellaran. In: G. O. Phillips & P. A. Williams, eds. Handbook of hydrocolloids. Cambridge: Woodhead Publishing Limited and CRC Press LLC, p. 164-184.
- Kaliaperumal, N., 2003. Products from seaweeds. National Seminar on Marine Biodiversity as a source of Food Medicine, Issue 3, pp. 33-42.
- Kaur, R. et al., 2017. Yogurt: A Nature's Wonder for Mankind.. International Journal of Fermented Foods, 6(1), pp. 57-69.
- Khotimchenko, M. et al., 2020. Antitumor potential of carrageenans from marine red algae. Carbohydrate Polymers, Volume 246, pp. 3-17.
- Marshall, M. R., 2010. Ash Analysis. In: S. S. Nielsen, ed. Food Analysis. USA: Springer, pp. 107-114.
- Meilgaard, M. C., Civille, G. V. & Carr, B. T., 2016. Sensory evaluation techniques. 5th ed. New York: CRC Press.
- Min, D. B. & Ellefson, W. C., 2010. Fat Analysis. In: S. S. Nielsen, ed. Food Analysis. USA: Springer, pp. 119-121.

- Moirano AL. 1977. Sulfated Polysaccharides. Di Dalam Graham HD (ed). Food Colloid. Westport, Connecticut : The AVI Publishing Company Inc. Hal 347-381.
- Nakagawa, H. & Montgomery, W., 2007. Algae. In: H. Nakagawa, S. Sato & D. Gatlin, eds. Dietary supplements for the health and quality of cultured fish.. USA: CABI, pp. 133-168.
- Necas J, Bartosikova L. Carrageenan: a review. Veterinarni Medicina. 2013;58(6).
- Novianti L. 2003. Pemanfaatan kombinasi tipe kappa dan iota karagenan setengah jadi (semi refined carrageenan) sebagai pengental dan stabilisator pada formula krim kulit [skripsi]. Depok: Fakultas Matematika dan Ilmu Pengetahuan, Universitas Indonesia.
- Pamungkaningtyas, F. H. et al., 2018. Sensory Evaluation of Yogurt-like Set and Yogurt-like Drink Produced by Indigenous Probiotic Strains for Market Test. Indonesian Food and Nutrition Progress, 15(1), p. 1–10.
- Pangestuti, R. & Kim, S.-K., 2014. Biological Activities of Carrageenan. In: S. Kim, ed. Advances in Food and Nutrition Research, Volume 72. San Diego: Academic Press, pp. 113-124.
- Pratama, Y. et al., 2018. Optimum carrageenan concentration improved the physical properties of cabinet-dried yoghurt powder. Earth and Environmental Science, Volume 102.
- Pebrianata, E., 2005. Pengaruh Pencampuran Kappa dan Iota Karagenan terhadap Kekuatan Gel dan Viskositas Karagenan Campuran. [Skripsi] Bogor: Fakultas Perikanan dan Kelautan IPB.
- Ping, C. G., 2002. Carrageenan. Denmark: Cp Kelco.
- Rahayu, P. P. & Andriani, R. D., 2018. MUTU ORGANOLEPTIK DAN TOTAL BAKTERI ASAM LAKTAT YOGURT SARI JAGUNG DENGAN PENAMBAHAN SUSU SKIM DAN KARAGENAN. *Jurnal Ilmu dan Teknologi Hasil Ternak*, 13(1), pp. 38-45.
- Rashid, A.a. Huma, N. Saedd, S., Shahzad, K., Ahmad, I., Nawaz, S., dan Imran, M. 2019. Characterization and development of yogurt from concentrated whey. international journal of food engineering and technology. 3 (1): 1-7.
- Rekha, R., Unnikrishnan, V., Dhariaya, C. N. & Singh, B., 2012. Factors Affecting Syneresis in Yogurt. Indian J. Dairy and Biosci, Volume 23.

- Rinaudo, M., 2007. Seaweed polysaccharides. In: *Comprehensive Glycoscience*. 2007: Elsevier, pp. 691-735.
- Ruiz-Capillas, C. & Herrero, A. M., 2021. Sensory Analysis and Consumer Research in New Product Development. *Foods*, 10(582).
- Puspita, R. 2021. VIABILITAS SEL BAKTERI ASAM LAKTAT DAN PENDUGAAN UMUR SIMPAN YOGURT KARAGENAN (YOGUKARA) DI BERBAGAI SUHU PENYIMPANAN. [Skripsi]. Universitas Gadjah Mada.
- Sadler, G. D. & Murphy, P. A., 2021. pH and Titrable Acidity. In: S. S. Nielsen, ed. *Food Analysis*. USA: Springer, pp. 221-237.
- Sağdıç O, Şimşek B, Orhan H, Doğan M (2004). Effect of κ -carrageenan on bacteria and some characteristics of yoghurt. *Milchwissenschaft* 59(1-2):45-47.
- Shi, L.-E., Li, Z.-H., Zhang, Z.-L., Zhang, T.-T., Yu, W.-M., Zhou, M.-L., & Tang, Z.-X. (2013). Encapsulation of *Lactobacillus bulgaricus* in carrageenan-locust bean gum coated milk microspheres with double layer structure. *LWT - Food Science and Technology*, 54(1), 147–151. <https://doi.org/10.1016/j.lwt.2013.05.027>
- Shukla, P., Borza, T., Critchley, A. & Prithviraj, B., 2016. Carrageenans from Red Seaweeds As Promoters of Growth and Elicitors of Defense Response in Plants. *Front. Mar. Sci*, 3(81).
- Skryplonek, K., et al. (2019). Characteristics of Lactose-Free Frozen Yogurt with k-carrageenan and Corn Starch as Stabilizers. *Journal of Dairy Science*. doi:10.3168/jds.2019-16556
- SNI, B. S. N., 2009. SNI 2981 - Standar Nasional Indonesia Yogurt. Indonesia: Badan Standardisasi Nasional.
- Subba Rao, P. V. et al., 2018. Seaweeds: Distribution, Production and Uses. In: M. N. Noor, S. K. Bhatnagar & S. K. Sinha, eds. *Bioprospecting of Algae*. India: Society for Plant Research India, p. 59–78.
- Subba Rao, P., 2012. Seaweed Biodiversity and Conservation. In: *Biodiversity Status & Conservation Strategies with reference to NE India*. India: Manipur Univ, pp. 1-7.

- Sudarmadji, S., Haryono, B. & Suhardi, 2007. Analisa Bahan Makanan dan Pertanian. Yogyakarta: Liberty.
- Tanaya, C., Kusumawati, N. & Nugrahani, I., 2014. Effects of different sugar used and probolinggo's grapes juice proportion on the physicochemical, availability lactic acid bacteria, and sensory properties of non fat yoghurt. *Journal of Food Technology and Nutrition*, 13(2), pp. 94-101.
- Trachoo, N., 2002. Yogurt: The fermented milk. *Songklanakarin J*, 24(4), pp. 727-734.
- Van de Velde, F., De Ruiter, GA. 2005. Carrageenan. *Biopolymers online*.
- Vedamuthu, E. R., 2006. Starter Cultured for Yogurt and Fermented Milks. In: R. C. Chandan, ed. *Manufacturing Yogurt and Fermented Milks*. USA: Blackwell Publishing, pp. 89-117.
- Walstra, P., Wouters, J. T. M. & Geurts, T. J., 2006. Chapter 22: Fermented Milk. In: *Dairy Science and Technology*. Boca Raton: Taylor & Francis Group, pp. 551-573.
- Waryono, T., 2004. Biogeografi Alga Makro (Rumput Laut) Di Kawasan Pesisir Indonesia. Malang, Makalah Dalam Seminar Ikatan Geografi Indonesia (IGI).
- Weerathilake, W., Dissanayake, D., Ruwanmali, J. & Munasinghe, M., 2014. The evolution, processing, varieties and health benefits of yogurt. *International Journal of Scientific and Research Publications*, 4(4), pp. 1-10.
- Weerathilake, W., Rasika, D., Ruwanmali, J. & Munasinghe, M., 2014. The evolution, processing, varieties and health benefits of yogurt. *Int. J*, Volume 4, pp. 1-10.
- White, S. K. & Keleshian, M., 1994. A field guide to economically important seaweeds of northern New England. Maine: University of Maine.
- Williams, P. A. & Phillips, G. O., 2003. Gums | Properties of Individual Gums. In: 2nd, ed. *Encyclopedia of Food Sciences and Nutrition*. London: Academic Press, pp. 2992-3001.
- Winarno, F. G., 1982. *Kimia Pangan dan Gizi*. Jakarta: PT Gramedia Pustaka Utama.
- Zarzycki, P., et al. (2019). Rheological Properties of Milk-Based Dessert with the Addition of Oat Gum and k-carrageenan. *J Food Sci Technol*, 56(11): 5107-5115

Zatnika, A. & Istini, S., n.d. *PRODUKSI RUMPUT LAUT DAN PEMASARANNYA DI INDONESIA*. [Online] Available at:
<https://www.fao.org/3/AB882E/AB882E15.htm> [Accessed 9 January 2022].