

## DAFTAR PUSTAKA

- Agustina L., Setyawardani, T., Astuti, T.Y., 2013. Penggunaan Starter Biji Kefir dengan Konsentrasi yang Berbeda pada Susu Sapi Terhadap pH dan Kadar Asam Laktat. *Jurnal Ilmiah Peternakan* 1 (1):254-259
- Ahmed, Z., Wang, Y., Ahmad, A., Khan, S.T., Nisa, M., Ahmad, H., dan Afreen, A. 2013. Kefir and Health. A Contemporary Perspective. *Critical Reviews In Food Science and Nutrition*. 53, 422-434
- Alvaez, M.P., Flores, A.B., Hernandez., Baranco, A., Mayo, B. Interaction between Dairy Yeast and Lactic Acid Bacteria Strains During Milk Fermentation. *Food Control*. 2008. 19.1 : 62-70
- Anon. 2003. CODEX STAN 243-2003 Standard for Fermented Milks. FAO/WHO. Rome, Italy. PP, 1-11
- AOAC. 2005. Official Methods of Analysis of The Association of Official Analytical Chemist. AOAC Inc., Washington
- Aritonang, N.S. 2009. *Susu dan Teknologi*. Swagati Press. Cirebon
- Beshkova, D.M., Simova, E.D., Frengova, G.I., Simov, Z.I., Frengova, G.I., Spasov, Z.N., 2002. Purecultures for Making Kefir. *Food Microbiol*. 19, 537-544
- Cais-Sokolinska, D., Jan, P., Jacek, W., Romualda, D., Joanna, T., Grazyna, C.R., dan Emilia, Bagnicka. 2014. Evaluation of Quality of Kefir from Milk Obtained from Goats Supplemented with A Diet Rich in Bioactive Compounds. *J. Scie Food Agric. Society of Chemical Industri*.
- Carasi, P., Racedo, S.M., Jacquot, C., Romanin, D.E., Serradel, M.A., Urdaci, M.C. 2015. Impact of Kefir Derived Lactobacillus Kefiri on the Mucosal Immune Response and Gut Microbiota. *J. Immunol. Res*, 1-12
- Chaerunnisa, H., Balia, R.L. dan Utama, G.L. 2006. Penggunaan Starter Bakteri Asam Laktat pada Produk Susu Fermentasi Lifihomi. *Ilmu Ternak*. J.6 (2): 102-107.
- Chen, T., Wang, S., Chen, K., Liu, J., and Chen, M. 2009. Microbiological and Chemical Properties of Kefir Manufactured by Entrapped Mikroorganism Isolated from Kefir Grains. *J. Dairy Sci*. Vol. 92 : 3002-3013
- Codex Alimentarius Committee. 2003. Codex Standard of Fermented Milks. Codex STAN 243. FAO/WHO Food Standards.
- Cultures for Health. 2013. A Where Healthy Food Starts Guide "Milk Kefir". Cultures For Health. Siox Falls

- Dertli, E., Hilmi, A. 2017. Microbial Diversity of Traditional Kefir Grains and Their Role on Kefir Aroma. *LWT-Food Technol.* 85,151-157
- Edward, R.F. 2005. Kefir a Complex Probiotic. *Food Science and Technology Bulletin: Function Foods* 2 (1):1-17
- Fauziyyah, F. 2017. Karakteristik Fisik dan Mutu Gizi Kefir Susu Kambing dengan Fortifikasi Vitamin D. Program Studi Ilmu Gizi. Fakultas Kedokteran. Universitas Diponegoro. Semarang
- Farnworth, E.R., 2005. Kefir a Complex Probiotic. *Food Science and Technology. Bulletin:Functional Foods*, 2 (1):1-17
- Ferawati, Agestyani, dan E. Purwati. 2019. Penggunaan Sitrter Bakteri *Lactobacillus fermentum* strain 175 dan Krim Kefir untuk Meningkatkan Kualitas Keju Mozarella Balado. Laporan Akhir Riset Dosen Pemula. Lembaga Penelitian dan Pengabdian Kepada Masyarakat. Universitas Andalas
- Ghosh, P. K., Saha, R., Gupta, J.J., Ramesh, T., Das, A., Lama, T.D., Munda, G.C., Bordoloi, J.S., Verma, M. R., Ngachan, S.V. 2009. Long Term Effect of Pastures on Soil Quality in Acid Soil of North-East India. *Aust. J. Soil Res.*, 47 (4): 372-379
- Guzel-Seydim, Z.B., Kok-Tas, T., Greene, A.K., 2010. Kefir and Koumiss: Microbiology and Technology. CRC Press, Boca Raton, pp. 143-163
- Hadiwiyoto, S., 1994. Teori dan Prosedur Pengujian Mutu Susu dan Hasil Olahannya. Liberty. Yogyakarta
- Hariyadi, P. 2013. Freeze Drying Technology: For Better Quality and Flavor of Dried Products. Vol 8.No 2
- Hayek, S.E., Sandra, R., Katia, M., Hassan, N. 2013. The Pro-apoptotic Effect of Kefir in Malignant T-lymphocytes Involves a P53 Dependent Pathway. 13,S367.
- Irigoyen, A., Arana, I., Castiella, M., Torre, P., Ibanez, F.C., 2005. Microbiological, Physicochemical and Sensory Characteristics of Kefir During Storage. *Food Chem.* 90, 613-620
- Lule, S.Y., Kim, J.H., Lee, P.C. 2016. Long Term Adaptive Evolution of *Leuconostoc mesentroides* for Enhancement of Lactic Acid Tolerance and Production. *Biotechnol. Biofuels* 9, 240-253
- Julianto, B., Evy, R., Yusmarini, Y. 2016. Karakteristik Kimiawi dan Mikrobiologi Kefir Susu Sapi dengan Penambahan Susu Kedelai

- Kabadjova-Hristova, P., S. Bakalova., B.Gocheva., dan P. Moncheva., 2006. Evidence for Proteolytic Activity of *Lactobacillus* Isolated from Kefir Grain. *Biotechnol. Dan Biotechnol.*, 1:89-94
- Kakisu, E., A. Irigoyen, P. Torre, G. L. De Antoni, and A. G. Abraham. 2011. Physicochemical, Microbiological and Sensory Profiles of Fermented Milk Containing Probiotic Strains Isolated From Kefir. *J. Dairy Res.* 78 : 456-463
- Kaleka, N., Haryadi, N.K. 2013. Kambing Perah. Arcita, Surakarta. 1: 2.
- Lingathurai,S., Vellathurai, P., Vendan,S.E and Anand,A.A.P. 2009. A Comporative Study on The Microbiological and Chemical Composition of Cow Milk from Different Locations in Madurai, Tamil Nadu. *Indian Journal of Science and Technology.* Vol.2 No.2.
- Lee, J.I., K.Y.Song, J.W.Chon, J.Y. Hyeon, dan K.H. Seo. 2010. Psicochemical Properties of Kefir as Dietary Supplementary for Curing the Diabetic Mouse. *Korean J. Food Nutr.* 23:462-469
- Lule
- Lun, B. M., and Eklund., 2000. *The Microbiological Safety and Quality of Food : Control of pH and Use of Organik Acids.* Ed. Lund, B. M., Baird Parker, T.C. and Gould, G.W. Aspen Publishers Inc., Maryland
- Magalhaes, K.T., Dragone, G., De Melo Pereira, GV., Oliviera, J.M., Domingues, L., Teixeira, J.A., De Almeida Silva, J.B., and Schwan, R.F., 2011. Comparative Study of The Biochemical Changes and Volatile Compound Formations During the Production of Novel Wheybased Kefir Beverages and Traditional Milk Kefir. *Food. Chem.* Vol. 126: 249-253
- Mayumi, D. U.P.R., Joice, D. F. L. M., Thanise, S. S. S., dan Ana, V. B. M. 2014. Labneh with Probiotic Properties Produced from Kefir: Development and Sensory Evaluation. *Food Science and Technology.* 34, 694-700
- Martharini, D., dan Indritaningsih,I. 2017. Kualitas Mikrobiologi dan Kimiawi Kefir Susu Kambing dengan Penambahan *Lactobacillus acidophilus* FNCC 0051 dan Tepung Kulit Pisang Kepok (*Musa paradisiaca*). *Agritech.* Vol, 37. No,1. Hal, 27
- Melia,S., Endang,P., Yuherman., Indri,J., Ferawati dan Hendri, P. 2017. Susu Potensi Pangan Probiotik. *Andalas University Press.* 1:6-9
- Mohamed, A.F., Suzan, A.J., Aida, A.E., dan Hesyam, R.E., 2020. The Many Faces of Kefir Fermented Dairy Product : Quality Characteristics, Flavour Chemistry, Nutritional Value, Health Benefits and Safety. *Nutrients.* 12,346

- Otles, S. Dan O.Cagindi. 2003. A Probiotic Dairy-Composition, Nutritional and Therapeutic Aspects Pakistan Journal of Nutrition. Vol.2 No.1 : 60-65.
- Ozer, D., dan B.H. 2015. Product of Eastern Europe and Asia. Pages 798-805 in Ensiclopedia of Food Microbiology. Ed. Academic Press, San Diego, CA
- Pogacic. T., Sanja.S., Simun .Z., Dubravka, S. 2013. Microbiota of Kefir Grains. Review Mljekarstvo Vol.63 No.1:3-14
- Purnomo, H., Muslimin,L.D., 2012. Chemical characteristics of Pasteurised Goat Milk and Goat Milk Kefir Prepared Using Different Amount of Indonesia Kefir Grains and Incubation Times. International Food Research Jurnal. 19 (2):791-794
- Rahzarni. 2003. Penanganan dan Pengolahan Susu dan Telur. Politeknik Pertanian Negeri Payakumbuh : Payakumbuh
- Ramadhan, B.G., Suprayogi, T.H., Sutiya, A. 2013. Tampilan Produksi Susu dan Kadar Lemak Susu Kambing Peranakan Ettawa Akibat Pemberian Pakan dengan Imbangan Hijauan dan Konsentrat yang Berbeda. Animal Agriculture Journal. Vol.2 No.1: 353,361.
- Rosartio, R., Suranindyah, Y., Bintara, S., Ismaya. 2015. Produksi dan Komposisi Susu Kambing Peranakan Ettawa di Dataran Tinggi dan Dataran Rendah di Daerah Istimewa Yogyakarta. Buletin Peternakan Vol.39 (3): 180-188
- Sady, M., J. Domagala, T. Grega, and D. Najgebauer- Lejko. 2007. Sensory and Physicochemical Properties of Commercially Available Kefir. Biotechnology in Animal Husbandry 23: 199-206
- Saleh, E. 2004. Teknologi Pengolahan Susu dan Hasil Ikutan Ternak. Digitized by USU digital library. Program Studi Produksi Ternak. Fakultas Pertanian. Universitas Sumatra Utara.
- Salminem, S., Wright, AV., Ouwehand,A. 2004. Lactic Acid Bacteria. New York: Marckel Dekker
- Sanam, A. B. N. S. Ida dan K.A. Kadek. 2014. Ketahanan Susu KAMBING Peranakan Etawa Post-Thawing pada penyimpanan Lemari Es Ditinjau dari Uji Didih dan Alkohol. Indonesia Medicus Veterinus. Vol 3 (1) : 1-8
- Sarkar, S., 2007. Potential of Kefir as A Dietetic Beverage- A review. British Journal of Nutrition 109, 280-290
- Sarwono, B. 2006. Beternak Kambing Unggul. Penebar Swadaya. Jakarta.
- Setyaningsih,D., A. Apriyantono, dan M.P. Sari. 2010. Analisis Sensori untuk Industri Pangan dan Agro. IPB Press. Bogor.

- Setyawardani, T., Rahardjo, A.H.D., Sulistyowati, M., Wasito, S. 2017. Psichochemical and Organoleptic Features of Goat Milk Kefir Made of Different Kefir Grain Concentration on Controlled Fermentation. *Animal Production* 16 (1):48-54
- Simova, E., D. Beshkova, A. Angelov, T.Hristozoa, G. Frengova dan Z. Spasov. 2002. Lactic Acid Bacteria and Yeast in Kefir Grains and Kefir Made from Them. *J.Inorg.* 28:1-6
- Soeparno, R.A., Indritaningsih, R. 2011. Dasar Teknologi Hasil Ternak. Fakultas Peternakan. Universitas Gadjah Mada, Yogyakarta.
- Sulmiyati., Nur, S.S., Deka, U.F., Rahamawati, M., Fatma, F. 2018. Perbandingan Kualitas Fisikokimia Kefir Susu Kambing dengan Kefir Susu Sapi. *Jurnal Veteriner.* 19 (2), 263-268
- Surono, I.S. 2004. Probiotik Susu Fermentasi dan Kesehatan. Yayasan Pengusaha Makanan dan Minuman Seluruh Indonesia (YAPMMI). TRICK. Jakarta. 1: 31-32.
- Susilorini., Eko,T., Eirry,S. 2006. Produk Olahan Susu. Penebar Swadaya. Jakarta.
- Steel, R. G. D., and Torrie, J. H. 1995. Prinsip dan Prosedur Statistika. Diterjemahkan oleh Bambang Sumantri. PT. Gramedia Pustaka Utama. Jakarta
- Syam, S. J. 2006. Daya Tahan Susu Pasteurisasi dalam Suhu Kamar. Skripsi. Fakultas Peternakan. Universitas Hasanuddin. Makassar
- Trachoo, N., 2002. Yoghurt : Fermented Milk. *J. Sci. Techno.*, 24 (4): 727-737
- Tratnik, L., Bozanic, R., Herceg, Z., dan Drgalic, I. (2006). The Quality of Plain and Supplemented Kefir from Goats and Cows Milk. *International of Journal and Dairy Technology*, 59, 40-46.
- Usmiati, S., dan A. Sudono. 2004. Pengaruh Starter Kombinasi Bakteri dan Khamir Terhadap Sifat Fisikokimia dan Sensori Kefir. *Jurnal Pascapanen.* 1:2-21
- Wardani, P.M.I., Sumardi., Bagus, H.M. 2013. Effect of Aloe Vera Addition (*Aloevera sp*) on Physical and Chemical Properties of Fresh Cow Milk and Soy Milk. *Jurnal Bioproses Komoditas Tropis.* Vol.1 No.1.
- Widodo, W. 2002. Bioteknologi Fermentasi Susu. Pusat Pengembangan Bioteknologi. Universitas Muhammadiyah Malang.

World Health Organization., Food and Agriculture Organization of the United States. Codex Standard for Fermented Milks. 243-2003.Codex Aliment. 2011.7-8

Yusuf, R. 2010. Kandungan Protein Susu Sapi Perah Friesian Holstein Akibat Pemberian Pakan yang Mengandung Tepung Katu yang Berbeda. Jurnal. Jurnal Teknologi Pertanian. Vol.6 No.1: 1-6.

Zubillaga, M., Weill, R., Poistaire, E., Goldman, C., Caro, R., and Boccio, J. 2001. Effect of Probiotics and Functional Foods and Their Use in Different Diseases. Nutr. Res. Vol. 21: 569-579

