

DAFTAR PUSTAKA

- Amadioha, A.C., 1998. Effect of cultural conditions on the growth and amylolytic enzyme production by *rhizopus oryzae*. Archives Of Phytopathology And Plant Protection 32, 41–48.
- Anasa, R.A., Nurlaila, W., Dharmastuti, W., Santoso, I., Maryanto, A.E., Sitaresmi, S., Yasman, Y., 2019. Isolation and screening of amylase activity of primary moulds in Ragi Tapai of Indonesia. In: Proceedings Of The 4th International Symposium On Current Progress In Mathematics And Sciences (Iscpms2018), Aip Conference Proceedings. Presented At The Proceedings Of The 4th International Symposium On Current Progress In Mathematics And Sciences (Iscpms2018), AIP Publishing, p. 020080.
- Ardhana, M.M., Fleet, G.H., 1989. The microbial ecology of tape ketan fermentation. Int. J. Food Microbiol. 9, 157–165.
- Arzu, U., 2015. Production of α -amylase from some thermophilic *Aspergillus* species and optimization of its culture medium and enzyme activity. Afr. J. Biotechnol. 14, 3179–3183.
- Asadullah, M., 2014. Isolasi Bakteri Amilolitik dari Bekatul dan Uji Kemampuan untuk Produksi Enzim Amilase Kasar pada Berbagai Jenis Media Produksi (Undergraduate thesis).
- Atmaja, D.S., Wuryanti, Anam, K., 2013. Isolasi, Purifikasi dan Karakterisasi alfa-Amilase dari *Trichoderma viride* FNCC 6013. Chem Info.
- Azmi, A.S., Ngoh, G.C., Mel, M., Hasan, M., 2010. Ragi tapai and *Saccharomyces cerevisiae* as Potential Coculture in Viscous Fermentation Medium for Ethanol Production. Afr. J. Biotechnol.
- Benazir, F., Suganthi, R., Santhi, R., Kumar, R., Hari, A., Meenakshi, N., Nindhiya, Kavitha, K.A., Lakshmi, R., 2011. Amylase production by *Aspergillus Niger* under solid state fermentation using Agroindustrial Wastes. International Journal of Engineering Science and Technology.
- Bisswanger, H., 2014. Enzyme assays. Perspectives in Science 1, 41–55.
- Cherry, H.M., Hossain, Md.T., Anwar, M.N., 2004. Extracelluer Glucoamylase from The Isolat *Aspergillus fumigatus*. Pakistan Journal of Bio 7.
- Cronk, T.C., Steinkraus, K.H., Hackler, L.R., Mattick, L.R., 1977. Indonesian Tape Ketan Fermentation'. Appl Environ Microbiol.

- Delva, E., Arisuryanti, T., Ilmi, M., 2022. Genetic Diversity of *Amylomyces rouxii* from Ragi tapai in Java Island Based on Ribosomal Regions ITS1/ITS2 and D1/D2. *Mycobiology* 50, 132–141.
- Devanathan, J., Selvam, A., Tholkappian, P., Ramanathan, N., 2016. Studies on The Optimization of Amylase Production by *Aspergillus* sp. *Indo Asian Journal of Multidisciplinary Research* 2.
- Divakaran, D., Chandran, A., Pratap Chandran, R., 2011. Comparative study on production of α -Amylase from *Bacillus licheniformis* strains. *Braz. J. Microbiol.* 42, 1397–1404.
- Djarkasi, G.S.S., Raharjo, S., Noor, Z., 2017. Isolasi dan Aktivitas Spesifik Enzim Lipase Indigenous Biji Kenari. *Jurnal Teknologi Pertanian* 8.
- Ellis, J.J., Rhodes, L.J., Hesseltine, C.W., 1976. The Genus *Amylomyces*. *Mycologia* 68, 131–143.
- Gupta, A.V.K., Modi, D.R., Yadava, L.P., 2008. Production and Characterization of alfa-amylase from *Aspergillus niger*. *Biotechnology* 7.
- Hesseltine, C.W., Rogers, R., F. G, W., 1988. Microbiological studies on amyolytic oriental fermentation starters*. *Mycopathologia*.
- Holsteina, 2013. Karakterisasi Enzim Glukoamilase Oleh *Amylomyces rouxii* dari Ragi dalam Menghidrolisis Pati Mentah (Undergraduate thesis).
- iswendi, 2009. Penentuan Aktivitas Amilase Dari Umbi Bengkuang (*Pachyrhizus arosus* L.Urb) Hasil Ekstraksi Etanol Dan Ammonium Sulfat. *Saintek Xii*.
- Janusz, G., Czuryło, A., Frąc, M., Rola, B., Sulej, J., Pawlik, A., Siwulski, M., Rogalski, J., 2015. Laccase production and metabolic diversity among *Flammulina velutipes* strains. *World J. Microbiol. Biotechnol.* 31, 121–133.
- Karima, R., 2020. Aktivitas Enzim dan Identifikasi Fenotipik Isolat Kapang *Aspergillus* Kelompok Flavi Dari DUCC (Diponegoro University Culture Collections). *Bioma*.
- Khamkeaw, A., Phisalaphong, M., 2016. Hydrolysis of cassava starch by co-immobilized multi-microorganisms of Loog-Pang (Thai rice cake starter) for ethanol fermentation. *Food Sci. Biotechnol.* 25, 509–516.
- Kito, H., Abe, A., Sujaya, I.-N., Oda, Y., Asano, K., Sone, T., 2009. Molecular characterization of the relationships among *Amylomyces rouxii*, *Rhizopus oryzae*, and *Rhizopus delemar*. *Biosci. Biotechnol. Biochem.* 73, 861–864.

- Kusuma, G., Nocianitri, K., Pratiwi, D., 2020. Pengaruh Lama Fermentasi Terhadap Karakteristik Fermented Rice Drink Sebagai Minuman Probiotik Dengan Isolat *Lactobacillus* sp. F213. *Jurnal Itepa*.
- Madhumathi, M., Cheerla, S., Saravanabhavan, S., Thanikaivelan, P., Rao, J.R., Babu, N.K.C., Nair, B.U., 2007. Factors influencing activity of enzymes and their kinetics: bioprocessing of skin. *Appl. Biochem. Biotechnol.* 136, 265–278.
- Maia, T.F., Fraga, M.E., 2017. Bioprospecting *Aspergillus* section *Nigri* in Atlantic Forest soil and plant litter. *Arq. Inst. Biol.* 84.
- Ninsix, R., 2013. Pengaruh Konsentrasi Ragi Merk NKL Terhadap Mutu Tape yang Dihasilkan . *jtp* 2, 1–11.
- Ogbonna, C.N., Okpokwu, N.M., Okafor, C.U., Onyia, C.E., 2014. Isolation and screening of amylase producing fungi obtained from garri Processing Site. *International journal of biotechnology and food Science* 2.
- Pelczar, M. J. dan E. C. S. Chan. 2008. *Dasar-Dasar Mikrobiologi*: Universitas Gadjah Mada., hal 132-137.
- Rahayu, E.S., Nursiwi, A., N, B.S., Supriyanto, S., 2018. Development of the traditional tape ketan into probiotic drink. *IFNP* 15, 11.
- Rahman, S., Nurmiati, Periadnadi, 2018. *World Journal of Pharmaceutical and Life Sciences*. WJPLS.
- Rozi, H.N.F., 2013. Isolasi *Amylomyces rouxii* dari Ragi dan Tape Singkong (Undergraduate thesis).
- Saleem, A., Ebrahim, M.K.H., 2014. Production of amylase by fungi isolated from legume seeds collected in Almadinah Almunawwarah, Saudi Arabia. *Journal of Taibah University for Science* 8, 90–97.
- Shah, I.J., Shukla, R.M., Acharya, D.K., 2014. Optimization for alfa-Amylase Production by *Aspergillus oryzae* Using Submerged Fermentation Technology. *Basic Research Journal of Microbiology* 1, 1–10.
- Soeka, Y., Rahayu, S., Setianingrum, N., Naiola, E., 2011. Kemampuan *Bacillus* licheniformis dalam Memproduksi Enzim Protease yang Bersifat Alaklin dan Termofilik. *Media Litbang kesehatan* 21.
- Spatafora, J.W., Aime, M.C., Grigoriev, I.V., Martin, F., Stajich, J.E., Blackwell, M., 2017. The Fungal Tree of Life: from Molecular Systematics to Genome-Scale Phylogenies. *Microbiol. Spectr.* 5.



- Sundarap, Jayalakshmi, 2017. International Journal of Advanced Research in Biological Sciences. International Journal of Advanced Research in Biological Sciences 4.
- Varalakshmi, K.N., Kumudini, B.S., Nandini, B.N., Solomon, J., Suhas, R., Mahesh, B., Kavitha, A.P., 2009. Production and characterization of alpha-amylase from *Aspergillus niger* JGI 24 isolated in Bangalore. Pol. J. Microbiol. 58, 29–36.
- Visvanathan, R., Qader, M., Jayathilake, C., Jayawardana, B.C., Liyanage, R., Sivakanesan, R., 2020. Critical review on conventional spectroscopic alpha-amylase activity detection methods: merits, demerits, and future prospects. J. Sci. Food Agric. 100, 2836–2847.
- Wang, H.L., Swain, E.W., Hesseltine, C.W., 1984. Glucoamylase of *Amylomyces rouxii*. J. Food Sci. 49, 1210–1211.
- Yandri, A. D. 2011. Pengaruh Modifikasi Kimia Terhadap Titik Isoelektrik (pI) Enzim Hasil Modifikasi. J. Sains MIPA. 17(3): 92-98.