

DAFTAR PUSTAKA

1. Setiawati, Henny. 2003. *Skrining beberapa Isolat Aspergillus spp. Penghasil Asam Kojat serta Pengaruh Kondisi Aerasi, Sumber Karbon, dan Sumber Nitrogen terhadap Produksi Asam Kojat.* Skripsi Sarjana Departemen Farmasi Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia. Depok.
2. Kayahara, H., dkk. 1990. Amino Acids and Peptide Derivatives of Kojic Acid and Their Antifungal Properties. *Agricultural and Biological Chemistry* 54(9), 2441-2442.
3. Gruzka & Podgorski. Kojic Acid Production by *Aspergillus oryzae* in Defined Media. *Proceedings of the 30th International Conference of SSCHE* : 145.
4. Burdock, G.A, Soni, Carabin. 2001. Evaluation of Health Aspect of Kojic Acid in Food. *Regulatory Toxicology and Pharmacology* 33:80-101.
5. Ohyama, Y. & Mishima, Y. 1990. Melanogenesis-inhibitory Efect of Kojic Acid and Its Action Mechanism. *Fragrance Journal* 6: 53-58.
6. Wu, Wen Teng dkk. 2004. Combining Induced Mutation and Protoplasting for Strain Improvement of *Aspergillus oryzae* for Kojic Acid Production. *Biotechnology Letters* 26: 1163-1166.
7. Bajpai, P., Agrawala, P.K & Vishwanathan, L. 1982. Production of Kojic Acid by Resuspended Mycelia of *Aspergillus flavus*. *Canadian Journal of Microbiology* 28: 1340-1346.

8. Arnstein, HRV. & Bentley, R. 1953; The Biosynthesis of Kojic Acid: 1. Production from [1-14C] and [3:4-14C2] Glucose and [2-14C]-1:3-Dihydroxyacetone. *Biochem J.* 54: 493-508.
9. Pulungan, Arni H.A. 2006. *Pengaruh variasi beberapa sumber karbon, sumber nitrogen, dan ion logam terhadap fermentasi asam kojat oleh mutan Aspergillus flavus.* Skripsi Sarjana Departemen Farmasi Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia. Depok.
10. Tyas, JD. 2005. *Pemuliaan Galur Aspergillus flavus dengan Mutagenesis untuk Peningkatan Produksi Asam Kojat.* Skripsi Sarjana Departemen Farmasi Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia. Depok.
11. Fitri, Chaerina. 2006. *Mutagenesis galur Aspergillus flavus dengan N-metil-N'-nitro-N-nitrosoguanidin (NTG) dan radiasi sinar ultraviolet setelah preparasi protoplas untuk peningkatan kadar asam kojat.* Skripsi Sarjana Departemen Farmasi Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia. Depok.
12. Devianasari, Rounita. 2006. *Pemuliaan galur Aspergillus flavus dengan N-metil- N'-nitro-N-nitrosoguanidin (NTG) dan iradiasi sinar gamma untuk peningkatan kadar asam kojat.* Skripsi Sarjana Departemen Farmasi Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia. Depok.
13. Rohmat, Agus. 2007. *Optimasi Fermentasi Asam Kojat oleh Galur Mutan Auksotrof Aspergillus flavus.* Skripsi Sarjana Departemen Farmasi

Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia. Depok.

14. Walker, J.M. & Gingold, E.B. 1993. *Molecular Biology and Biotechnology third edition*. Cambridge: The Royal Society of Chemistry; 1.
15. Smith, J.E. 1990. *Prinsip Bioteknologi*. Penerjemah: Sumo U.F. Jakarta: Gramdium; 1-3.
16. Pelczar, Michel J. Jr dan E.C.S. Chan. 1986. Dasar-dasar Mikrobiologi cetakan kesatu. Penerjemah: Ratna Sri H, dkk. Jakarta: UI Press.
17. Rahman, Ansori. 1992. *Teknologi Fermentasi*. Jakarta: Penerbit Arcan; 1-3, 149-182.
18. Stanbury, F.P, and Whitaker A. *Principles of Fermentation Technology*. 1984. New York: Pergamon Press; 1-5, 193-217.
19. *Aspergillus flavus* Research Programs.
http://www.aspergillus.man.ac.uk/indexhome.htm?secure/sequence_info/index.php~main. 30 September 2007. 18.50 WIB.
20. *Aspergillus flavus*. <http://www.aspergillusflvus.org>. 5 November 2007. 19.20 WIB.
21. Brock, D.T, Madigan MT. 1984. *Biology of Microorganism 6th Ed.* USA: Prentice Hall Inc. ; 351-353.

22. Alcamo, I. Edward. 1997. *Fundamentals of Microbiology fifth edition*. Cummings Publishing Company; 452.
23. Bajpai, P; Agrawala, PK & Vishwanathan. 1981. Enzymes relevant to Kojic Acid Biosynthesis in *Aspergillus flavus*. *J. Gener. Microbiol*; 127: 131-136.
24. Zborowski, Krzysztof. 2004. Quantum chemical studies on tautomeric equilibria in chlorokojic and azidokojic acids. *Journal of Molecular Structure (Theochem)* 683:15-22.
25. Zborowski, Krzysztof; Korenovab, Anna; Uherb, Michal & Proniewicz, Leonard M. 2003. Determination of the Most Stable Structures of Selected Hydroxypyrones and Their Cations and Anions. *Journal of Molecular Structure (Theochem)* 639: 87-100.
26. *Aspergillus flavus*. <http://www.aspergillusflvus.org>. 3 Juni 2008, pk 15.30 WIB.
27. Futamura, Takafumi *et al*. 2001. Improvement of Kojic Acid by Mutant Strain *Aspergillus Oryzae* MK107-39. *Journal of Bioscience and Bioengineering*; 91(3): 272.
28. Wilson, B.J. 1966. Toxins Other than Aflatoxins Produced by *Aspergillus flavus*. *Bacteriological Review* 30: 478.
29. _____ . 1993. *The Toxicology of Aflatoxins : Human Health, Veterinary, and Agricultural Significance*. (Ed) David E Eaton dan John D Groopman. Academic Press. San Diego.

30. Moss, M.O. 1988. Recent Studies of Mycotoxins. *J Applied Microbiology Symposium Supplement Blackwell Sciences* 84:627.
31. Dutton, M.F & Anderson, M.S. 1982. Role of versicolorin A and Its Derivates in Aflatoxin Biosynthesis. *Appl. Enviro. Microbiol* 43(3): 548-551.
32. ______. 1995. *Farmakope Indonesia edisi IV*. Jakarta: Departemen Kesehatan Republik Indonesia;1002-1005.
33. Harmita. 2006. *Analisis Fisikokimia*. Depok: Departemen Farmasi FMIPA UI; 15-28, 40-54, 115-134, 205-210, 236-243.
34. Gritter; Bobbit, JM; Schwarting, AE. 1991. *Pengantar Kromatografi terbitan Kedua*. Bandung: penerbit ITB, 161-183.
35. Underwood, A.I, Day Jr, R.A. 1986. *Quantitative Analysis 5th Edition*. New Jersey: Prentice Hall.
36. Aspergillus spp.
http://www.doctorfungus.org/Thefungi/aspergillus_spp.htm, 4 Maret 2008, pk 17.45.