



DAFTAR PUSTAKA

- Ali Asbi, B. ; Wei, L .S and Steinberg, M. P., 1989. *Effect of pH on the Kinnetics of Soybean Lipoksigenase-1*. J Food Sci. Vol 54. No,6: 1594-1600.
- Anonim, 1970, *Official Methods of Analysis of Assosiation of Offfical Analitical Chemistry*. Assosiation of offfical Analitical Chemistry, Chemistry Washington D.C.
- Ashraf, H. L. dan Snyder, H. E.,1981, 1981. *Influence of Ethanolic Soaking of Soybeans on Flavor and Lipoksigenase Activity of Soymilk*. J. Food Sci.
- Bourne, M. C. ; Estuete, E. E. and Benzon, J., 1976. *Effect of Sodium Alkalis and Salt on pH and flavor of Coymilk*. Food Sci. 41 : 62-66.
- Burnette, R. S., 1951. *Soybean Protein Food Products*. Chapt XXIII dalam Marklei, K, S., 1951. *Soybean and Soybean Product*. Interscience Publisher, Inc. New York.
- Che Man, Y. B; Wei, L. S dan Nelson, A. I., 1989. *Acid Inaktivation of Soybean Lipoxygenase with Retention of Protein Solubility*. J. Food Science. Vol. 54. No 965-967.
- Cristopher, J. E; Pistorius, E. K. and Anelrod, B., 1969. *Isolation of An isozime of Soybean Lipoksigeneses*. Archieues. Brochem. And Biophys Vol 78 : 165-179.
- Desrosier, N.W., 1970. *The Technology of Food Preservation*, The AVI Publishing Company Inc., Westport, Connecticut.
- Djundjung-Daulay, 1988. *Pendinginan dan Pembekuan dalam Pengawetan Pangan*. Jurusan Teknologi Pertanian, IPB, Bogor,
- Doubert, B. F. 1951. *Chemical Composition of Soybean Oil*. Chapt V dalam Markley, K. S., 1951. *Soybean and Soybean Product*. Interscience Publisher, Inc., New York.
- Eny-Harmayani, 1995. *Mikrobiologi Pengolahan*. Teknologi Pengolahan Hasil Pertanian, UGM, Yogyakarta.
- Fennema, O. R., 1976. *Principle of Food Science Part I. Food Chemistry*. Marcel Dekker Inc, New York.
- Fennema, O.R., 1996. *Food Chemistry*. Marcel Dekker Inc. New York.



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- Fox, P. F., 1991. *Food Enzymology Vol .1*. University Collage Cork, Cork Irland, Londons
- Gatot-Priyanto, 1987. *Teknik Pengawetan Pangan*. PAU Pangan Gizi, UGM, Yogyakarta.
- Gomez, K. A. and Gomez, A. A, 1995. *Prosedur Statistik Untuk Penelitian Pertanian*. Penerjemah : Sjamsuddi, E dan Baaharsyah, J. S. Penerbit. UI, Jakarta.
- Hand, D. B. ; Steinkraus, K. H. ; Van Burar, J. P ; Hackler, L. R. ; El Rawi, I and Pallesen, I., 1964. *Pilot-Plant Studies in Soymilk*. Food Technology 18 : 1968-1965.
- Hellendoorn, E. W., 1969. *Intestinal effect following Ingestion beans*. Journal Food Technologi, Vol : 23.
- Hermanson, A. M., 1986. *Soy Protein Gelatin*. Journal American Oil Chemistry Sociaty, Vol : 63, hal 658-666.
- Hou, H. J and Chang K.C., 2002 *Interconversions of Isoflavones in Soybean as Affected by Storage*. Journal Food Science, Vol : 67.
- Kanthamani, S; Nelson, A. I. And Steinberg, M. P. 1978. *Home Propertion of Soymilk. A New Concept, Whole Soybean fooda for Home and Village Use*. International Agricultural Publications INTSOY series, number 14, Illinois, USA, pp. 5-11.
- Koch, R. B. ; Stern, B. ; Ferrari, C. G., 1958. *Linoleic Acid Trilinolein as Substrates for Soybean Lipoksidase (s)*. Archieves. Biochem vol 15 : 403-410.
- Kon, S. ; Wagner, J. R. ; Guadogni, D. E. and Horvat, R. J., 1970. *pH Adjusmant Control of Oxidative off-flavors During Grinding of Raw Legume Seeds*. Food sci vol 55: 343-345.
- Lehninger, A. L., 1995. *Dasar-Dasar Biokimia*. Jilid 1. Erlangga, Jakarta
- Lo, W. Y. ; Steinkraus, K. H. ; Hand, D. B. ; Wilkens, W. F. and Hackler, L. R., 1968c. *Yield of Extracted Solid in Soymilk as Affected by Temperature of Water Variur Pre-Treatmens of Bean*. Food Technology 22: 1322-1324
- Markley, K.S., 1950. *Soybeans and Soybean products*, Volume 1, interScience Publishers, Inc., New York.



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Markley, K.S., 1950. *Soybeans and Soybean products*, Volume 1, interScience Publishers, Inc., New York.

Matoba, T.; A. Sakurai, N.; Taminola, T.; Saitoh, F.; Karia, M.; Kuwahata, N.; Yukowo. S.; Fujion and K. Hosegawa, 1989. *n-Hexanol Formation from n-Hexanat by Enzym Acrion in Soybean Extracts*. J. Food Sci. Vol 54. no.6 :1607-1610.

Mohammad-Adnan, 1980. *Lipid Properties and Stability of Partially Defatted Peanuts*. Ph.D. Thesis. Uviv of Illions, Urbana-Champaign.

Morse, M.J., 1951. *History of Soybean Production*. Chapt I dalam Markley, K. S., 1951. *Soybean and Soybean Product*. Interscience Publishers, New Yor.

Mustakas, G. C.; Albrecht, W. J. ; Book Walter, G. N. ; Mc Geen, J. E. ; Kwolek, W. F. and Griffin, E. I., 1970. *Extruder Processing and Keeping Quality of Full Fat Soy Flour*. J. Food Sci. vol 24 : 1290-1293.

Page, D. S., 1985. *Prinsip-prinsip Biokimia*. Erlangga, Jakarta.

Santoso, H. B., 1994. *Susu dan Yoghurt Kedelei*. Cetakan Pertama, Penerbit Kanisius Yogyakarta, hal 13 – 15, 35-36.

Sessa, D.J., 1979. *Biochemical Aspects of Lipids Derived flavor in Legume*. J. Agric. Food Chem. Vol 27(20): 234-238.

Schultz, H. W., 1962. *Symposium of Food and their Oxidation*. The Avi Publishing Comp. Inc, West port, Connecticut-London.

Shahidi, F and Nack, M., 1995. *Food Phenolies : Sources, Chemistry, Effect and Aplications*. Technomic Company Inc, Pennsylvania.

Shalunke, D.K., 1985. *Postharvest Biotechnology of food Legume*. CRC Press LLC, USA.

Siddiqi, A.M.; Tappel, A. L., 1957. *Comporsions of Some Lipoxidase and Their Mechanism of Action*. J. Am. Oil. Chemist. Sci. vol 34(12) : 529-533.

Slamet-Sudarmadji, 1989. *Analisa Bahan Makanan dan Pertanian*. Penerbit Liberty, Yogyakarta



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Smith, A.K., and Circle, S. J., 1987. *Soybeans Chemistry and Technology*. The Avi Pub. Company Inc. Westport, Connecticut.

Smith, K. J., 1981. *Improving The Qualit of The Soybean*. J. Am. Oil. Chem. Soc. 58 (3) : 135 – 139.

Smith, G. N., 1948. *Studiens on Lipoxygenase(s) IV : Lipoksigenase Aktivity*. Archieus. Biochem. Vol 15 : 403-413

Smith, A. K and Circle, S. J. 1972. *Soybeans Chemistry and Technologi*. The Avi Publishing Co. Wesport. Connecticut

Snyder, H.E and Kwon, T.W, 1987. *Soybean Utilization*. Ana VI Book, Published by Van nastrand Reinold Campay, New York.

Sutrisno-Koswara, 1992. *Teknologi Pengolahan Kedelei*. Pustaka Sinar Harapan, Jakarta.

Suharsono-Martoharsono, 1981. *Biokimia I*. Gadjah Mada University, Press, Yogyakarta.

Suwedo-Hadiwiyoto, 1999. *Pembuatan Susu Kedelei*. Jurusan Teknologi Hasil Pertanian, Fakultas Teknologi pertanian, Universitas Gadjah Mada. Yogyakarta.

Tamime, A. Y., and Robinson, R.K., 1985. *Youghurt Science and Technology*. 1st ed., Pergamon Press Ltd. Oxford. England.

Whittaker, H.R., 1972. *Principle of Enzymologi for the food Science*. Mercel Dekker, Inc. new York.

Wilkins, W. F. ; Mattick, L. R. and Hand, D. B., 1967. *Effect of Processing Method on Oxidative off-flavor of Soybean Milk*. Food Technology 21 : 1630.

Wolf, W.J., 1975. *Lipoksigenase of Flavor of Soybean Protein Products*. J. Agr. Food Chem. Vol.23 no.2 :136-241.

Wolf, W.J. and Cowan, J.C., 1977. *Soybean as a food Source*. Revised Edition, CRC Press Inc, Ohio.

Zuheid-Noor, 1999. *Teknologi Pengolahan Legum dan Serealia*. Jurusan Teknologi Hasil Pertanian, Fakultas Teknologi Pertanian, Universitas Gadjah Mada. Yogyakarta.

Zuheid-Noor, 1980. *Effect of pH Manipulation During Aqueous Extraction of Peanut Protein*. Ph D. Thesis. Univ of Illions, Urbana-Champaign.