

BAB VI

KESIMPULAN DAN SARAN

6.1. Kesimpulan

- a. Sosis sapi yang dihasilkan dari kombinasi perlakuan minyak jagung/es memiliki kadar air 50,02%-60,82%, kadar lemak 10,19%-21,91%, kadar protein 17,75%-21,64% dan *total loss* 0,49%-7,26%
- b. Kombinasi perlakuan minyak jagung/es (20/20) dapat menghasilkan sosis sapi rendah lemak dengan stabilitas emulsi yang paling baik, citarasa dan *juiciness* yang disukai

6.2. Saran

Perlu dilakukan penelitian lanjutan untuk mengetahui kandungan asam lemak tidak jenuh pada sosis sapi rendah lemak (sosis yang menggunakan minyak nabati).

DAFTAR PUSTAKA

- AOAC, 1990. *Official Methods of Analysis of The Association of Official Agriculture Chemists*. Washington, D.C.
- Clause, J.R., Hunt, M.C., Kastner, C.L., dan Kropf, D.H., 1990. *Low-Fat, High-Added Water Bologna: Effects of Massaging, Preblending and Time of Water and Fat on Physical and Sensory Characteristics*. J.Food Sci., 55: 338-341,345.
- Cole, D.J.A., dan Lawrie, R.A., 1975. *Meat Science*. London: Butterwort.
- Ensiminger, A.H., 1994. *Food and Nutrition Encyclopedia*, 2nd ed. New York: CRC Press.
- Forrest, J.C., Aberle, E.D., Hendrick, H.B., Judge, M.D. dan Merkel, R.H. 1975. *Principle of Meat Science*. San Fransisco: W.H. Freeman and Company.
- Frederick, T.L., Miller, M.F., Tinney, K.S., Bye, L.R., dan Ramsey, C.B., 1994. *Characteristics of 95% Lean Beef German Sausage Varying in Phosphate and Added Water*. J. Food Sci., 59:453-455.
- Girard, J.P., 1992. *Technology of Meat and Meat Products*. London: Ellis Harwood.
- Hadiwyoto, S., 1983. *Hasil-hasil Olahan Susu, Daging, Ikan dan Telur*. Yogyakarta: Liberty.
- Hensley, J.L., dan Hand, L.W., 1995. *Formulation and Chopping Temperature Effects on Beef Frankfurters*. J. Food Sci., 60: 55-57, 67.
- Hui, Y.H., 1992. *Encyclopedia of Food Science and Technology*. New York: John Wiley and Sons, Inc.
- Kartika, B., 1990. *Pedoman Uji Inderawi Bahan Pangan*. Yogyakarta: PAU Pangan dan Gizi Universitas Gadjah Mada.
- Kramlich, W.E., Pearson, A.M., dan Tauber, F.W., 1973. *Processed Meat*. Westport, Connecticut: AVI Publishing.
- Marquez, E.J., Ahmed, E.M., West, R.L., dan Johnson, D.D., 1989. *Emulsion Stability and Sensory Quality of Beef Frankfurters Produced at Different Fat or Peanut Oil Levels*. J. Food Sci., 54: 867-870.

- Miller, M.S., 1994. *Protein Functionality in Food Systems*. New York: Marcel Dekker, Inc.
- Naruki, S., 1990. *Kimia dan Teknologi Pengolahan Daging*. Yogyakarta: PAU Pangan dan Gizi Universitas Gadjah Mada.
- Paneras, E.D., dan Bloukas, J.G., 1994. *Vegetable Oils Replace Pork Backfat for Low-Fat Frankfurters*. J. Food Sci., 59: 725-728, 733.
- Park, J., Rkee, K.S., Ziprin, 1990. *Low-Fat Frankfurters with Elevated Levels of Water and Oleic Acid*. J. Food Sci., 55: 871-872, 874.
- Price, J.F. dan Schweigert, B.S., 1987. *The Science of Meat and Meat Product*, 3th ed. Westport, Connecticut: Food Nutrition Press.
- Ranken, M.D., 1984. *Food Industrial Manual*. New York: Leonardo Hill.
- Soeparno, 1992. *Ilmu dan Teknologi Daging*. Yogyakarta: Gadjah Mada University Press.
- Sudarmadji, S., Haryono, B., dan Suhardi, 1984. *Prosedur Analisa untuk Bahan Makanan dan Pertanian*. Yogyakarta: Liberty.
- Suwedo, Hadiwiyoto, Soeparno, dan Budiharta, S., 1989. *Kimia dan Teknologi Daging*. Yogyakarta: PAU Pangan dan Gizi Universitas Gadjah Mada.
- Sylvia, S.F., Claus, J.R., Marriott, N.G., dan Eigle, W.N. 1994. *Low-Fat, High-Moisture Frankfurters: Effects of Temperature and Water during Extended Mixing*. J. Food Sci., 59: 937-940.
- Tainter, D.R., 1993. *Spices and Seasoning*. New York: VCH Publisher.
- Thornton, H., and Gracey, J.F., 1974. *Textbook of Meat Hygiene*, 6th ed. New York: The Macmillan Publishing.
- Tranggono, 1990. *Analisa Lipida*. Yogyakarta: PAU Pangan dan Gizi Universitas Gadjah Mada.
- Weiss, T.J., 1970. *Food Oil and Their Uses*. Westport, Connecticut: The AVI Publishing Company, Inc.
- Winarno, F.G., 1989. *Kimia Pangan dan Gizi*. Jakarta: Gramedia.