



**EVALUASI ZAT BESI DALAM SERUM DAN ORGAN PENYIMPANAN PADA TIKUS ANEMIA YANG
DIBERI PAKAN TEMPE DAN
DAGING**

YULITA ENDANG PURWATI, Ir. Mary Astuti, SU.; Dr. Ir. Zuheid Noor.; Dr. Ir. Tranggono
Universitas Gadjah Mada, 1988 | Diunduh dari <http://etd.repository.ugm.ac.id/>

DAFTAR PUSTAKA

- AOAC, 1970. Methods of Analysis of the Associations of Official Analytical Chemists.
- AOAC, 1975. Methods of Analysis of the Associations of Official Analytical Chemists.
- Campen, D.V., 1983. Iron Bioavailability Techniques : An Overview. J. Food Tech.
- Conrad, M.E., Parmley, R.T. dan Osterloh, K., 1987. Small Intestinal Regulation of Iron Absorption in the Rat. J. Clin. Med. 110 : 418,420.
- Cowan, J.W., Esfahani, M., Salji, J.P. dan Azzam, S.A., 1966. Effect of Phytat on Iron in the Rat. J. Nutr. 90: 423.
- Darwoko, 1981. Inaktifasi Antitripsin Kedele Selama Pengolahan. Tesis. Universitas Gadjah Mada, Yogyakarta.
- Field, R.A., Sanchez, L.R., Kusman, J.E. dan Kruggel, W.G., 1980. Heme Pigment Content of Bovine Hemopoitic Marrow and Muscle. J. Food Sci. 45:1109.
- Finch, C.H. dan Cook, J.D., 1984. Iron Deficiency. Am. J. Clin. Nutr. 39:142-143.
- Fritz. J.C., Pla, G.W., Harrison, B.N., Clark, G.A. dan Smith, E.A., 1978. Measurments of Bioavailability of Iron, Using Hemoglobin Repletion Test. J. AOAC 61(3):709.
- Gubler, C.J., 1956. Absorption and Metabolism of Iron. J. Sci. 123:87-90.
- Hallberg, L. dan Rossander, L., 1984. Improvement of Iron Nutrition in Developing Countries: Comparison of Adding Meat, Soy Protein, Ascorbic Acid, and Ferrous Sulphate on Iron Absorption From Simple Latin American-Type of Meal. Am. J. Clin. Nutr. 39:577-583.
- Harper, H.A., Rodwell, V.W. dan Mayes, P.A., 1979. Review of Physiological Chemistry. Edisi ke-17. Lange Medical Publication, Los Altos, California, USA.
- Haryono, B., 1985. Proses Pembuatan Tempe. Prak. Pengendalian Proses dan Mutu. Fakultas Teknologi Pertanian, Universitas Gadjah Mada, Yogyakarta.
- Hazzel, T., 1982. Hemoglobin and Meat Iron Absorption. Am. J. Clin. Nutr. 36:187.


EVALUASI ZAT BESI DALAM SERUM DAN ORGAN PENYIMPANAN PADA TIKUS ANEMIA YANG DIBERI PAKAN TEMPE DAN DAGING

YULITA ENDANG PURWATI, Ir. Mary Astuti, SU.; Dr. Ir. Zuheid Noor.; Dr. Ir. Tranggono

 J. S. Iyechaku, O. Mahoney, A. M., Cornfort, D.P.,
 Hendricks, D.G. dan Kangsadalampai, K., 1985. Effect of Heat Treatment on Bioavailability of Meat and Hemoglobin Iron Fed to Anemic Rats. J. Food Sci. 50: 407-409.

Lee, K. dan Greger, J.L., 1983. Bioavailability and Chemistry of Iron from Nitrit-cured Meat. J. Food tech.

Mahoney, A.W., Farmer, B.R. dan Hendricks, D.S., 1980. Effect of Level and Sources of Dietary Fat on the Bioavailability of Iron from Turkey Meat for the Anemic Rat. J. Nutr. 110:1703-1708.

Mangkoewidjoyo, S., 1985. Teknik Hewan Percobaan. Fakultas Farmasi, Universitas Gadjah Mada, Yogyakarta.

Mary Astuti, Uehara, M. dan Suzuki, K., 1987. Effect Soy Tempe Powder on Iron, Copper and Zinc Bioavailability in Iron Deficient Rats. J. Agric. Sci. 32(1):108-114.

Mc Coy, R.H., 1971. Dietary Requirement of the Rat dalam Edmond J. Farris dan John Q. Griffith. The Rat in Laboratory Investigation. Hafner Publising Co.

Platt, S.R. dan Clydesdale, F.M., 1984. Binding of Iron by Cellulose, lignin, Sodium Phytat and Beta-glucan, Alone and in Combination, Under Simulted Gastrointestinal pH Condition. J. Food Sci. 49:531.

Platt, S.R. dan Clydesdale, F.M., 1985. Binding of Iron by Lignin in the Presence of Various Concentration of Calcium, Magnesium and Zinc. J. food Sci.

Price, J.F. dan Schweigert, B.S., 1981. The Science of Meat and Meat Products. W.H. Freeman and Company, San Francisco.

Ranhotra, G.S., Lee, C dan Gelroth, J.A., 1979. Bioavailability of Iron in Some Commercial Variety Breads. Nutrition Research, American Institute of Baking, Manhattan, Kansas.

Rizk, S.W. dan Clydesdale, F.M., 1983. Effect of Iron Sources and Ascorbic Acid on the Chemical Profile of Iron in a Soy Protein Isolate. J. Food Sci. 48:1431.

Rotruck, J.T. dan Luhrsen, K.R., 1979. A Comparative Study in Rats of Iron Bioavailability from Cooked Beef and Soybean Protein. J. Food Chem. 27(1):27.

Ruckman, K.S. dan Sherman, A.R., 1981. Effect of Exercise on Iron and Copper Metabolism in Rats. J. Nutr. 111:1595.

Schricker, B.R. dan Miller, D.D., 1983. Effect of Cooking and



YULITA ENDANG PURWATI, Ir. Mary Astuti, SU.; Dr. Ir. Zuheid Noor.; Dr. Ir. Tranggono
Universitas Gadjah Mada, 1988. Diunduh dari <http://etd.repository.ugm.ac.id>
Chemical Treatment on Heme and Non-heme Iron in Meat.
J. Food Sci. 48:1340-1342.

- Schricker, B.R., Miller, D.D. dan Stouffer, J.R., 1982. Measurement and Content of Non-heme and Total Iron in Muscle. J. Food Sci. 47:740.
- Shurtleff, W. dan Aoyagi, A., 1979. The Book of Tempeh. Harper and Row Publiser, New York.
- S. Moeljopawiro, Gordon, D.T. dan Fields, M.L., 1987. Bioavailability of Iron Fermented Soybean. J. Food Sci. 52(1):102,105.
- Soeparno, 1987. Perubahan Komposisi Kimia dan Kualitas Daging Sapi Pengaruh Temperatur Perebusan. Seminar Kajian Kimiawi Pangan, Yogyakarta.
- Sood, S.K., 1980. Iron Metabolism dalam G.P. Talwar (Ed) Textbook of Biochemistry and Human Biology. Prestice Hall of India Private Limited, New Delhi.
- Steel, R.G,D. dan Torrie, J.H. 1960. Principle and Procedure of Statistics. Mc Grow-Hill Book Company, Inc., New York.
- Steinkrauss dan Keith, H., 1983. Handbook of Indigenous Fermented Food. Marcel Dekker Inc.
- Sudarmadji, S., 1975. Certain Chemical and Nutritional Aspects of Soybean Tempe. Dissertasi. Michigan State University.
- Sudjana, M.A., 1982. Disain dan Analisis Eksperimen. Transito, Bandung.
- Sutardi, 1988. Phytase Activity During Tempe Pruduction. Dissertasi. University of New South Wales, Sydney.
- Sutardi dan Buckle, K.A., 1985. Reduction of Phitic Acid Level in Soybean During Tempe Production, Storage and Frying. J. Food Sci. 50:260.
- Tranggono, 1981. Beberapa Aspek Gizi dari Kedele. Simposium Nasional Pangan dan Gizi, Yogyakarta.
- Tuckerman, M.M. dan Turco, S.J., 1983. Human Nutrition. Lea and Febbiger, Philadelphia.
- Underwood, E.J., 1977. Trace Element in Human and Animal. Academic Press. Inc., London.
- Villegas, E. dan E.T. Mertz, 1971 Chemical Screening Method for Maize Protein Quality at CYMMYT. Research Bulletin 20:1-4. International Maize and Wheat Improvement Center, Mexico.

