

Bibliography of analytical, nutritional and clinical methods

(Three weeks journals - Search completed at 25th Sept 1996)

1 BOOKS, REVIEWS & SYMPOSIA

Scand J Clin Lab Invest 1996 56 (Suppl 224)

Special issue: XVth International Symposium on Blood Gases and Electrolytes, held at Ekoxen Center, Linkoping, Sweden, May 20-23, 1994. Contains sections: Current perspectives on sodium, potassium and ionized calcium and ionized magnesium; Update on analytical problems and clinical utility.

Barthelemy JP// Fac Sci Agron Etat Gembloux, Unite Enseignement Rech Chim Analyt & Phytopharm, Passage Deportes 2, B-5030 Gembloux, Belgium

Analisis 1996 24 (4) 95
 Determination of L-ascorbic acid by high-performance liquid chromatography. A review (1986-1992) (French, English Abstract)

Frank HA// Univ Connecticut, Dept Chem, 215 Glenbrook Rd, Storrs, Ct 06269, USA

Eur J Clin Nutr 1996 50 (3) S13

Structural determinations and spectroscopic studies of carotenoids reveal the factors important in controlling their function in biological systems (Review)

Lugtenburg J// Leiden Univ, Leiden Inst Chem Res, Gorlaeus Labs, POB 9502, NL-2300 RA Leiden, The Netherlands

Eur J Clin Nutr 1996 50 (3) S17

Synthesis of isotopically labelled retinal. Structural and functional studies at the atomic level of the chromophore in visual pigments (Review)

Rattray W, Jelen P*// *Univ Alberta, Dept Agr Food & Nutr Sci, Edmonton, Alberta, Canada T6G 2P5

Trends Food Sci Technol 1996 7 (7) 227

Protein standardization of milk and dairy products (Review)

2 GENERAL

De Ruig WG// State Inst Qual Control Agr Prod, Postbus 230, NL-6700 AE Wageningen, The Netherlands

Trends Food Sci Technol 1996 7 (7) 234

Characterizing and optimizing analytical method quality (Viewpoint)

Gto T// Address not available.

Jpn Soc Food Sci Technol 1996 43 (7) 873

Capillary HPLC (Japanese)

Lavigne-Delcroix A, Tusseau D, Proix M// Comite Interprof Vin Champagne, 5 rue Henri Martin, BP 135, F-51204 Epernay, France

Sci Aliment 1996 16 (3) 267

Validation of a chromatographic chemiluminescence detector (French, English Abstract)

Short FJ, Gorton P, Wiseman J*, Boorman KN// *Univ Nottingham, Dept Agr & Hort, Sutton Bonington Campus, Loughborough LE12 5RD, England

Anim Feed Sci Tech 1996 59 (4) 215

Determination of titanium dioxide added as an inert marker in chicken digestibility studies

Singh J, Sood DR, Galhotra MM, Sharma SJ// Haryana Agr Univ, Dept Chem & Biochem, Hisar 125004, Haryana, India

Plant Food Hum Nutr 1996 49 (3) 235

Comparison of two methods for determining *in vitro* intestinal absorption of nutrients using rats fed different diets

3 AMINO ACIDS, PROTEINS & ENZYMES

Abbott TP, Nabetani H, Sessa DJ, Wolf WJ, Lieberman MN, Dukor RK// USDA/ARS, Natl Ctr Agr Utilizat Res, 1815 Nth Univ St, Peoria, IL 61604, USA

As a service to subscribers of *Food Chemistry*, this bibliography contains newly published material in the field of analytical, nutritional and clinical methods. The bibliography is divided into fourteen sections: 1 Books, Reviews & Symposia; 2 General; 3 Amino Acids, Proteins & Enzymes; 4 Carbohydrates; 5 Lipids; 6 Vitamins & Co-factors; 7 Trace Elements & Minerals; 8 Drug, Biocide & Processing Residues; 9 Toxins; 10 Additives; 11 Flavours & Aromas; 12 Organic Acids; 13 Animal Products; 14 Plant & Microbial Products. Within each section, articles are listed in alphabetical order with respect to the author. Where there are no papers to appear under a heading, it will be omitted.

J Agr Food Chem 1996 44 (8) 2220

Effects of bound water on FTIR spectra of glycinin

Abdel-Aal ESM, Salama DA, Hucl P, Sosulski FW*, Cao W// *Univ Saskatchewan, Dept Crop Sci & Plant Ecol, 51 Campus Dr, Saskatoon, Saskatchewan, Canada S7N 5A8

J Agr Food Chem 1996 44 (8) 2117

Electrophoretic characterization of spring spelt wheat gliadins

De Frutos M, Molina E, Amigo L// CSIC, Inst Quim Organ, Juan Cierva 3, E-28006 Madrid, Spain

Milchwissenschaft 1996 51 (7) 374

Applicability of capillary electrophoresis to the study of bovine β -lactoglobulin polymorphism

Feier U, Goetsch PH// Bundesinst Gesundheitlichen Verbrauch, Alt Marienfelde 17-21, D-12277 Berlin, Germany

Milchwissenschaft 1996 51 (7) 378

Inter-laboratory studies on precision characteristics of analytical methods. Determination of casein content, casein and whey protein contents in total protein of milk and milk products: Casein-phosphorus method

Gala B, Gomez-Hens A, Perez-Bendito D// Univ Cordoba, Dept Analyt Chem, E-14004 Cordoba, Spain

Analyst 1996 121 (8) 1133

Kinetic fluorimetric determination of gliadins in foods

Gonzalez-Andrade JI, Romero C, Morales FJ, Jimenez-Perez S*// *CSIC, Inst Frio, Dept Dairy Prod, Ciudad Univ s/n, E-28040 Madrid, Spain

Chromatographia 1996 43 (1-2) 85

An improved method for determination of the activity of β -galactosidase in yoghurt by high-performance liquid chromatography

Grasdalen H, Andersen AK, Larsen B// Univ Trondheim, Norwegian Inst Technol, Div Biotechnol, N-7034 Trondheim, Norway

Carbohydr Res 1996 289 105

NMR spectroscopy studies of the action pattern of tomato pectinesterase: Generation of block structure in pectin by a multiple-attack mechanism

Hoffmann MAM, Roefs SPFM, Verheul M, Van Mil PJM, De Kruif KG// Netherlands Inst Dairy Res, Kernhemseweg 2, NL-6718 ZB Ede, The Netherlands

J Dairy Res 1996 63 (3) 423

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Kosmala I, Antoniewicz A*, De Boever J, Hvelplund T, Kowalczyk J// *Nat'l Res Inst Anim Prod, Dept Anim Nutr, Sarego 2, PL-31047 Krakow, Poland

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Lin JH, Chiang BH*// *Nat'l Taiwan Univ, Grad Inst Food Sci & Technol, Taipei, Taiwan

J Chromatogr Sci 1996 34 (8) 358

A modified procedure for caseinophosphopeptide analysis

Moughan PJ, Rutherford SM// Massey Univ, Dept Anim Sci, Monogastr Res Ctr, Palmerston North, New Zealand

J Agr Food Chem 1996 44 (8) 2202

A new method for determining digestible reactive lysine in foods

Pazderlik DL, Plehn SJ, Halgerson JL, Orf JH*// *Univ Minnesota, Dept Agron & Plant Genet, 1991 Buford Circle, St Paul, Mn 55108, USA

J Agr Food Chem 1996 44 (8) 2278

Effect of temperature and genotype on the crude glycinin fraction (11S) of soybean and its analysis by near-infrared reflectance spectroscopy (near-IRS)

Recio I, Olieman C*// *Netherlands Inst Dairy Res, Dept Analyt Chem, POB 20, NL-6710 BA Ede, The Netherlands

Electrophoresis 1996 17 (7) 1228

- Determination of denatured serum proteins in the casein fraction of heat-treated milk by capillary zone electrophoresis
Sharma M, Haque ZU*, Wilson WW// *Mississippi State Univ, Mississippi Agr & Forestry Expt Stn, Dept Food Sci & Technol, Box 9805, Mississippi State, Ms 39762, USA
Food Hydrocolloid 1996 10 (3) 323
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Woo KL, Hwang QC, Kim HS// Kyungnam Univ, Dept Food Engn, 449 Wolyeong dong, Masan 631701, South Korea
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J Agr Food Chem 1996 44 (8) 2316
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Moreau RA, Powell MJ, Hicks KB// USDA/ARS, Eastern Reg Res Ctr, 600 East Mermaid Lane, Wyndmoor, Pa 19038, USA
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