

Bibliography of analytical, nutritional and clinical methods

(Four weeks journals - Search completed at 10th Nov 1995)

1 BOOKS, REVIEWS & SYMPOSIA

Bradbury JH// Australian Natl Univ, Div Bot & Zool, GPO Box 4, Canberra, ACT 0200, Australia

Food Aust 1995 47 (9) 398

Third APFAN Conference on Food Analysis

Dobson G, Christie WW*, Nikolova-Damyanova B// *Scottish Crop Res Inst, Dundee DD2 5DA, Scotland

J Chromatogr B-Biomed Appl 1995 671 (1-2) 197

Silver ion chromatography of lipids and fatty acids (Review)

Eder K// Tech Univ Munich, Inst Nutr Physiol, D-85350 Freising, Germany

J Chromatogr B-Biomed Appl 1995 671 (1-2) 113

Gas chromatographic analysis of fatty acid methyl esters (Review)

Hoving EB// Univ Groningen Hosp, Cent Lab Clin Chem, POB 30001, 9700 RB Groningen, The Netherlands

J Chromatogr B-Biomed Appl 1995 671 (1-2) 341

Chromatographic methods in the analysis of cholesterol and related lipids (Review)

Lombardi J, Graham CR// Univ Nth Carolina, Dept Biol, Greensboro, NC 27412, USA

J Nutr Biochem 1995 6 (10) 516

The use of ¹³C-magnetic resonance spectroscopy in metabolic research (Review)

Lopez-Fernandez JM, Rios A// Univ Cordoba, Fac Sci, Dept Analyt Chem, E-14004 Cordoba, Spain

Analyst 1995 120 (9) 2393

Assessment of quality of flow injection methods used in food analysis: A review

McClements DJ// Univ Massachusetts, Dept Food Sci, Amherst, Ma 01003, USA

Trends Food Sci Technol 1995 6 (9) 293

Advances in the application of ultrasound in food analysis and processing (Review)

Ruiz-Gutierrez V, Barron LJR// CSIC, Inst Grasa, Avda Padre Garcia Tejero 4, E-41012 Seville, Spain

J Chromatogr B-Biomed Appl 1995 671 (1-2) 133

Methods for the analysis of triacylglycerols (Review)

Subramanian KS// Hlth Canada, Environm Hlth Directorate, Tunneys Pasture, Ottawa, Ontario, Canada K1A 0L2

Biol Tr Elem Res 1995 49 (2-3) 187

Storage and preservation of blood and urine for trace element analysis: A review

Tomas-Barberan FA// CEBAS (CSIC), Dept Ciencia & Tecnol Alimentos, Lab Fitoquim, POB 4195, E-30080 Murcia, Spain

Phytochem Analysis 1995 6 (4) 177

Capillary electrophoresis: A new technique in the analysis of plant secondary metabolites (Review)

Van Wouwe JP// Drechtsteden Hosp Jacobus, Dept Pediat, Langeweg 336, 3331 LZ Zwijndrecht, The Netherlands

Biol Tr Elem Res 1995 49 (2-3) 211

Clinical and laboratory assessment of zinc deficiency in Dutch children: A review

Wyss R// F Hoffmann La Roche & Co Ltd, Preclin Res, Div Pharma, PRPK, 68-121A, CH-4002 Basel, Switzerland

J Chromatogr B-Biomed Appl 1995 671 (1-2) 381

Chromatographic and electrophoretic analysis of biomedically important retinoids (Review)

2 GENERAL

Simpson D// Analysis for Industry, Factories 2/3 Bosworth Hse, High St, Thorpe-le-Soken, Essex CO16 0EA, England

Chromatogr Anal 1995 (39) 9

Experiences in independent forensic practice

3 AMINO ACIDS, PROTEINS & ENZYMES

Chen XJ, Schofield JD*// *Univ Reading, Dept Food Sci & Technol, POB 226, Reading RG6 6AP, England

J Agr Food Chem 1995 43 (9) 2362

Determination of protein-glutathione mixed disulfides in wheat flour

Furuta T, Iida T, Trongvanichnam K, Sakaguchi I, Wakabayashi H// Cent Res Inst Elect Power Ind, Abiko Res Lab, Abiko, Chiba 27011, Japan

Fisheries Science 1995 61 (4) 663

Indirect enzyme-linked immunosorbent assay (ELISA) for the detection of antibody in serum of Japanese flounder

Gatti CA, Rizzo PH, Pires MS// Univ Nacl Rosario, Fac Ciencias Bioquim & Farmaceut, Dept Quim Fis, Suipacha 531, RA-2000 Rosario, Argentina

J Agr Food Chem 1995 43 (9) 2339

Spectrofluorometric study on surface hydrophobicity and bovine casein micelles in suspension and during enzymatic coagulation

Gaudichon C, Mahe S, Roos N, Benamouzig R, Luengo C, Huneau JF, Sick H, Bouley C, Rautureau J, Tome D// INRA, Fac Sci Pharmaceut & Biol, Unite Nutr Humaine & Physiol Intestinale, 4 Ave Observatoire, F-75006 Paris, France

Brit J Nutr 1995 74 (2) 251

Exogenous and endogenous nitrogen flow rates and level of protein hydrolysis in the human jejunum after [¹⁵N]milk and [¹⁵N]yogurt ingestion

Hayase F, Konishi Y, Kato H// Meiji Univ, Dept Agr Chem, Tama ku, Kawasaki, Kanagawa 214, Japan

Biosci Biotechnol Biochem 1995 59 (8) 1407

Identification of the modified structure of arginine residues in proteins with 3-deoxyglucosone, a Maillard reaction intermediate

Huebner FR, Bietz JA// USDA/ARS, Natl Ctr Agr Utilizat Res, 1815 Nth Univ St, Peoria, IL 61604, USA

Cereal Chem 1995 72 (5) 504

Rapid and sensitive wheat protein fractionation and varietal identification of narrow-bore reversed-phase high-performance liquid chromatography

Kato M, Fukushima T, Santa T, Homma H, Imai K*// *Univ Tokyo, Fac Pharmaceut Sci, Bunkyo ku, 7-3-1 Hongo, Tokyo 113, Japan

Biomed Chromatogr 1995 9 (4) 193

Determination of D-amino acids, derivatized with 4-fluoro-7-nitro-2,1,3-benzoxadiazole (NBD-F), in wine samples by high-performance liquid chromatography

Lipperheide C, Andersson R, Petersen B, Sommer H// Katzenburgweg 7-9, D-53115 Bonn, Germany

J Vet Med A-Zbl Vet A-Physiol 1995 42 (3) 221

Determination of lactate dehydrogenase activity and urea content in milk by dry chemistry

MacLeod A, Fedio WM, Ozimek L// Univ Alberta, Dept Agr Food & Nutr Sci,

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.

- Alberta Dairy Assoc Res Unit, Edmonton, Alberta, Canada T6G 2P5
Milchwissenschaft 1995 50 (8) 440
Separation of β -lactoglobulin variants A and B from cheese whey by biospecific subunit exchange affinity chromatography
- Meyer K, Steinhart H, Vollmar M// Univ Hamburg, Inst Biochem & Food Chem, Grindelallee 117, D-20146 Hamburg, Germany
J Agr Food Chem 1995 43 (9) 2317
Development of a mathematical model for estimation of the tryptophan content in peptides
- Nakayama T, Takeura Y, Ueda T// *Kobe Gakuin Univ, Fac Nutr, Dept Nutr Physiol, Nishi ku, 518 Arise, Ikawadani cho, Kobe 65121, Japan
Biochem Biophys Res Commun 1995 214 (3) 1067
Visible spectrophotometric assay, purification, and molecular properties of a lipoygenase from eggplant (*Solanum melongena* Linne) fruits
- Ohta K, Yoshida A, Harada K// Hokkaido Elect Power Co Inc, Dept Res & Dev, Toyohira ku, Sapporo, Hokkaido 004, Japan
Nippon Nogeikagaku Kaishi 1995 69 (10) 1331
HPLC analysis of free amino acids and caffeine in green tea cultivated by hydroponics (Japanese, English Abstract)
- Salmanowicz BP// Polish Acad Sci, Inst Plant Genet, PL-60479 Poznan, Poland
Chromatographia 1995 41 (1-2) 99
Capillary electrophoresis of seed albumins from *Vicia* species using uncoated and surface-modified fused silica capillaries
- Sy D, Gomar J, Gincel E, Petit MC, Sodano P, Caille A, Ptak M, Vovelle F// Ctr Biophys Molec, rue Sadron, F-45071 Orleans 2, France
J Trace Microprobe Tech 1995 13 (3) 325
Molecular modelling of wheat and maize lipid transfer proteins and of their complexes with lysophosphatidylcholine on the basis of NMR data
- Visser S, Slangen CJ, Lagerwerf FM, Van Dongen WD, Haverkamp J// Netherland Inst Dairy Res, Dept Biophys Chem, POB 20, 6710 BA Ede, The Netherlands
J Chromatogr A 1995 711 (1) 141
Identification of a new genetic variant of bovine β -casein using reversed-phase high-performance liquid chromatography and mass spectrometric analysis
- Wen GY, Mato A, Wisniewski HM, Malik MN, Jenkins EC, Sheikh AM, Kim KS// New York State Inst Basic Res Dev Disabil, Dept Pathol Neurobiol, 1050 Forest Hill Rd, Staten Isl, NY 10314, USA.
J Cell Biochem 1995 58 (4) 481
Light and electron microscopic immunocytochemical localization of two major proteins in garlic bulb
- Williams KM, Fox P, Marshall T// Univ Sunderland, Sch Hlth Sci, Analyt Biochem Grp, Fleming Bldg, Sunderland SR1 3TG, England
J Inst Brew 1995 101 (5) 365
A comparison of protein assays for the determination of the protein concentration of beer
- #### 4 CARBOHYDRATES
- Dhami R, Harding SE*, Jones T, Hughes T, Mitchell JR, To KM// *Univ Nottingham, Natl Ctr Macromolec Hydrodynam, Sutton Bonington LE12 5RD, England
Carbohydr Polym 1995 27 (2) 93
Physico-chemical studies on a commercial food grade xanthan. I. Characterisation by sedimentation velocity, sedimentation equilibrium and viscometry
- Izawa M, Takashio M, Koshino S// Sapporo Breweries Ltd, Brewing Res Labs, 10 Okatohme, Shizuoka 425, Japan
J Inst Brew 1995 101 (5) 371
Several new factors influencing the measurement of β -glucan content using calcofluor flow-injection analysis method
- Jarvis MC, Apperley DC// Univ Glasgow, Dept Chem, Glasgow G12 8QQ, Scotland
Carbohydr Res 1995 275 (1) 131
Chain conformation in concentrated pectic gels: Evidence from ^{13}C -NMR
- Kamaya M, Furuki T, Nagashima K, Ishii E, Saito H// Kogakuin Univ, Dept Appl Chem, Fac Engr, 2665-1 Nakano cho, Hachioji, Tokyo 192, Japan
Phytochem Analysis 1995 6 (5) 251
Indirect spectrophotometric determination of phytic acid with zinc chloranilate
- Kim YS, Wiesenborn DP, Orr PH, Grant LA// Nth Dakota State Univ, Dept Cereal Sci, Fargo, ND 58105, USA
J Food Sci 1995 60 (5) 1060
Screening potato starch for novel properties using differential scanning calorimetry
- Van Loon WKP, Smulders PEA, Van den Berg C, Van Haneghem IA// Agr Univ Wageningen, Dept Agr Engr & Phys, Bomenweg 4, 6703 HD Wageningen, The Netherlands
J Food Eng 1995 26 (3) 319
Time-domain reflectometry in carbohydrate solutions
- Vazquez-Blanco ME, Lopez-Hernandez J*, Vazquez-Oderiz ML, Simal-Lozano J, Gonzalez-Castro MJ// *Univ Santiago de Compostela, Fac Farm, Dept Quim Analit Nutr & Bromatol, Area Nutr & Bromatol, E-15706 Santiago de Compostela, Spain
J Chromatogr Sci 1995 33 (10) 551
Determination of pectins by HPLC. A comparison of two methods applied to green beans (*Phaseolus vulgaris* L)
- Williams PA, Langdon MJ// NE Wales Inst, Ctr Water Sol Polymers, Plas Coch, Mold Rd, Wrexham LL11 2AW, Wales
Chromatogr Anal 1995 (39) 5
Characterisation of gum arabic by gel permeation chromatography
- #### 5 LIPIDS
- Alonso L, Lozada L, Fontecha J, Juarez M// CSIC, Inst Prod Lacteos, Carretera Infiesto s/n, E-33300 Villaviciosa, Spain
Chromatographia 1995 41 (1-2) 23
Determination of cholesterol in milk fat by gas chromatography with direct injection and sample saponification
- Arroyo R, Cuesta C*, Sanchez-Montero JM, Sanchez-Muniz FJ// *Univ Complutense Madrid, Fac Farm, Inst Nutr & Bromatol, Ciudad Univ, E-28040 Madrid, Spain
Fett Wiss Technol 1995 97 (7-8) 292
High-performance size exclusion chromatography of palm olein used for frying
- Binnert C, Laville M*, Pachiaudi C, Rigalleau V, Beylot M// *Fac Med Alexis Carrel, INSERM, U197, rue Guillaume Paradin, F-69372 Lyon 08, France
Lipids 1995 30 (9) 869
Use of gas chromatography/isotope ratio-mass spectrometry to study triglyceride metabolism in humans
- Breuer O, Bjorkhem I// Karolinska Inst, Huddinge Univ Hosp, Dept Med Lab Sci & Technol, Div Clin Chem, S-14186 Huddinge, Sweden
J Biol Chem 1995 270 (35) 20278
Use of an $^{18}\text{O}_2$ inhalation technique and mass isotopomer distribution analysis to study oxygenation of cholesterol in rat: Evidence for *in vivo* formation of 7-oxo-, 7 β -hydroxy-, 24-hydroxy-, and 24-hydroxycholesterol
- Calvente JJ, Aparicio R*// *Univ Sevilla, Dept Quim Fis, E-41071 Seville, Spain
Anal Chim Acta 1995 312 (3) 281
A fuzzy filter for removing interferences among membership grade functions: An application to pre-treatment of data in olive oil authentication
- De Meulenaer B, Van der Meeren P, Vanderdeelen J, Baert L// State Univ Ghent, Fac Agr & Appl Biol Sci, Dept Appl Analyt & Phys Chem, Coupure Links 653, B-9000 Ghent, Belgium
J Amer Oil Chem Soc 1995 72 (9) 1073
Simple and cost-effective gram-scale chromatographic method for the purification of soybean phospholipids
- Diehl BWK, Herling H, Riedl I, Heinz E*// *Univ Hamburg, Inst Allgemeine Bot, Ohnhorststr 18, D-22609 Hamburg, Germany
Chem Phys Lipids 1995 77 (2) 147
 ^{13}C -NMR analysis of the positional distribution of fatty acids in plant glycolipids
- Guillen-Sans R, Guzman-Chozas M*// *Univ Sevilla, Fac Pharm, Dept Nutr & Food Sci, Str Prof Garcia Gonzalez s/n, E-41012 Seville, Spain
Fett Wiss Technol 1995 97 (7-8) 285
Aldehydes in food and its relation with the TBA test for rancidity
- Heilbraun J, Snelling AM, Schaeffer MA// American Univ, Natl Ctr Hlth Fitness, 4400 Massachusetts Ave NW, Washington, DC 20016, USA
Amer J Health Promotion 1995 10 (1) 12
Comparison of total cholesterol measurement using Reflotron capillary analysis and laboratory venous blood analysis
- King JW, Johnson JH, Taylor SL, Orton WL, Hopper ML// USDA/ARS, Natl Ctr Agr Utilizat Res, Food Qual & Safety Res Unit, 1815 Nth Univ St, Peoria, IL 61604, USA
J Supercrit Fluid 1995 8 (2) 167
Simultaneous multi-sample supercritical-fluid extraction of food products for lipids and pesticide residue analysis
- Lamberto M, Ackman RG*// *Tech Univ Nova Scotia, Canadian Inst Fisheries Technol, POB 1000, Halifax, Nova Scotia, Canada B3J 2X4

Anal Biochem 1995 230 (2) 224

Positional isomerization of *trans*-3-hexadecenoic acid employing 2-amino-2-methyl-propanol as a derivatizing agent for ethylenic bond location by gas chromatography/mass spectrometry

Lercker G, Frega N, Bocci F, Rodriguez-Estrada MT// Univ Bologna, Inst Agrarian Ind, Via S Giacomo 7, I-40126 Bologna, Italy

Chromatographia 1995 41 (1-2) 29

High-resolution gas chromatographic determination of diterpenic alcohols and sterols in coffee lipids

Matthaus B, Losing R, Fiebig HJ// *Bundesanstalt Getreide Kartoffel & Fettforsch, Inst Chem & Phys Fette, Postfach 1705, D-48006 Munster, Germany

Fett Wiss Technol 1995 97 (7-8) 289

Determination of inositol phosphates IP3-IP6 in rapeseed and rapeseed meal by an HPLC method. I. Method

Nathier-Dufour N, Sedman J, Van De Voort FR// McGill Univ, Dept Food Sci & Agr Chem, Macdonald Campus, 1111 Lakeshore Rd, St Anne de Bellevue, Quebec, Canada H9X 3V9

Milchwissenschaft 1995 50 (8) 462

A rapid ATR/FTIR quality control method for the determination of fat and solids in sweetened condensed milk

Ranalli A, Serraiocco A// Ist Sperimentale Elaiotecn, Via C Battisti 198, I-65100 Pescara, Italy

Ind Aliment 1995 34 (339) 714

Evaluation of the analytical and qualitative profile of olive oils extracted by the new integral centrifuges (Italian, English Abstract)

Summerton A, Summerton N// *Bradford Hlth Authority, Dept Publ Hlth Med, New Mill, Victoria Rd, Shipley BD18 3LD, England

Public Health 1995 109 (5) 363

The use of desk-top cholesterol analysers in general practice

Tiwari PN, Gambhir PN// Indian Agr Res Inst, Nucl Res Lab, New Delhi 110012, India

J Amer Oil Chem Soc 1995 72 (9) 1017

Seed oil determination without weighing and drying the seeds by combined free induction decay and spin-echo nuclear magnetic resonance signals

Toyooka T, Takahashi M, Suzuki A, Ishii Y// Shizuoka Univ, Sch Pharmaceut Sci, Dept Analyt Chem, 52-1 Yada, Shizuoka 422, Japan

Biomed Chromatogr 1995 9 (4) 162

Determination of free fatty acids in blood tagged with 4-(2-carbazoylpyrrolidin-1-yl)-7-*N,N*-dimethylaminosulfonyl)-2,1,3-benzoxadiazole, by high-performance liquid chromatography with fluorescence detection

Xi YC, Yamaguchi T, Takeuchi M, Iida H// Tohoku Univ, Fac Agr, Aoba ku, 1-1 Tsutsumidori Amamiya, Sendai, Miyagi 981, Japan

J Jpn Soc Food Sci Technol 1995 42 (9) 677

Determination of oxidative rancidity in fish oil by an odor sensor (Japanese, English Abstract)

6 VITAMINS & CO-FACTORS

Alonso A, Almendral MJ, Merino F, Palermo SP// Univ Salamanca, Fac Chem, Dept Analyt Chem Nutr & Food Sci, E-37008 Salamanca, Spain

Analyst 1995 120 (9) 2401

Micellar-catalysed reactions for flow injection systems, determination of pyridoxal-5-phosphate

Chauhan RPS, Singh UB// Gaya Coll, PG Dept Chem, Semimicro Res Lab, Gaya 823001, India

J Indian Chem Soc 1995 72 (5) 355

Micro-determination of ascorbic acid in pure and pharmaceutical preparations

Hollis BW// Med Univ Sth Carolina, Dept Pediat, 171 Ashley Ave, Charleston, SC 29425, USA

Clin Chem 1995 41 (9) 1313

1,25-dihydroxyvitamin D₃-26,23-lactone interferes in determination of 1,25-dihydroxyvitamin D by RIA after immunoextraction

Huang B, Yu BZ, Li PB*, Jiang MA, Bi YS, Wu SF// *Wuhan Univ, Dept Chem, Wuhan 430072, Peoples Rep China

Anal Chim Acta 1995 312 (2) 329

Vitamin B₁ ion-selective microelectrode based on a liquid-liquid interface at the tip of a micropipette

Hu XY, Leng ZZ// Yangzhou Univ, Coll Teachers, Dept Chem, Jiangsu, Peoples Rep China

Anal Lett 1995 28 (13) 2263

Determination of L-ascorbic acid by adsorption potentiometry with carbon paste electrode

MacCrehan WA, Schonberger E// NIST, Div Analyt Chem, Gaithersburg, MD 20899, USA

J Chromatogr B-Biomed Appl 1995 670 (2) 209

Determination of vitamin K₁ in serum using catalytic-reduction liquid chromatography with fluorescence detection

Manninen P, Laakso P, Kallio H// Univ Turku, Dept Biochem & Food Chem, Vatselankatu 2, SF-20500 Turku, Finland

J Amer Oil Chem Soc 1995 72 (9) 1001

Method for characterization of triacylglycerols and fat-soluble vitamins in edible oils and fats by supercritical fluid chromatography

Mattila PH, Piironen VI, Uusi-Rauva EJ, Koivisto PE// Univ Helsinki, Dept Appl Chem & Microbiol, Div Food Chem, POB 27, Vikki B, SF-00014 Helsinki, Finland

J Agr Food Chem 1995 43 (9) 2394

Contents of cholecalciferol, ergocalciferol, and their 25-hydroxylated metabolites in milk products and raw meat and liver as determined by HPLC

McClure T, Liebler DC// *Univ Arizona, Coll Pharm, Dept Pharmacol & Toxicol, Tucson, Az 85721, USA

J Mass Spectrom 1995 30 (10) 1480

Electron capture negative chemical ionization mass spectrometry and tandem mass spectrometry analysis of β -carotene, α -tocopherol and their oxidation products

Ravel A, Poupard A, Roussel AM, Alary J// Univ Grenoble 1, Fac Pharm, Lab Chim Analyt, Domaine Merci, F-38706 La Tronche, France

Ann Nutr Metab 1995 39 (4) 208

Vitamin intakes (A, E, C, carotenes) in a French institution: Assessment by the duplicate-diet method

Wang S, Schram IM, Sund RB// Univ Oslo, Inst Pharm, Dept Pharmacol, Box 1068 Blindern, N-0316 Oslo, Norway

Eur J Pharm Sci 1995 3 (4) 231

Determination of plasma ascorbic acid by HPLC: Method and stability studies

Zempleni J// Emory Univ, Sch Med, Dept Biochem, 1510 Clifton Rd, Atlanta, Ga 30322, USA

Ann Nutr Metab 1995 39 (4) 224

Determination of riboflavin and flavocoenzymes in human blood plasma by high-performance liquid chromatography

7 TRACE ELEMENTS & MINERALS

Baraj B, Nati R, Celso V, Babi D, Tabaku A, Robinson D// Tirana Univ, Fac Nat Sci, Analyt Chem, Tirane, Albania

Fresen Environ Bull 1995 4 (9) 527

Determination of lead in the blood of some children in the town of Berat, Albania

Bosch NB, Mata MG, Penuela MJ, Galan TR, Ruiz BL// *Univ Complutense Madrid, Fac Farm, Secc Dept Quim Analit, E-28040 Madrid, Spain

J Chromatogr A 1995 706 (1-2) 221

Determination of nitrite levels in refrigerated and frozen spinach by ion chromatography

Bradbury JH, Egan SV, Matthews PJ// Australian Natl Univ, Div Bot & Zool, Canberra, ACT 0200, Australia

Phytochem Analysis 1995 6 (5) 268

Cyanide content of the leaves and stems of edible aroids

Cervera ML, Montoro R, Uria JES, Garcia AM, Medel AS// Univ Valencia, Fac Quim, Dept Quim Analit, Dr Moliner 50, E-46100 Burjassot, Spain

At Spectrosc 1995 16 (4) 139

Determination of As in foods by dry ashing, tandem on-line continuous separation, and ICP-OES analysis

Collado G, Ojeda CB, De Torres AG, Pavon JMC// *Univ Malaga, Fac Sci, Dept Analyt Chem, E-29071 Malaga, Spain

Analisis 1995 23 (5) 224

Determination of cobalt in biological samples by electrothermal atomic absorption spectrometry after extraction with 1,5-bis (di-2-pyridylmethylene) thiocarbonylhydrazide

De la Fuente MA, Guerrero G, Juarez M// *CSIC, Inst Frio, Ciudad Univ s/n, E-28040 Madrid, Spain

J Agr Food Chem 1995 43 (9) 2406

Manganese and zinc analysis in milk by microwave oven digestion and platform graphite furnace atomic absorption spectrometry

Fordham PJ, Gramshaw JW, Crews HM, Castle L// *MAFF, CSL Food Sci Lab, Norwich Res Pk, Colney Lane, Norwich NR4 7UQ, England

Food Addit Contam 1995 12 (5) 651

Element residues in food contact plastics and their migration into food simu-

- lants, measured by inductively-coupled plasma-mass spectrometry
Fujita T, Kawakami Y, Kohda S, Takata S, Sunahara Y, Arisue K*// *Oriental Yeast Co, Ctr Biochem Res & Dev, Minami Suita 4-4-1, Suita, Osaka 564, Japan
Clin Chem 1995 41 (9) 1302
Assay of magnesium in serum and urine with use of only one enzyme, isocitrate dehydrogenase (NADP⁺)
Hansen JC, Danscher G// Aarhus Univ, Steno Inst, Ctr Arctic Med Res, Dept Neurobiol, Bldg 180, DK-8000 Aarhus C, Denmark
Pharmacol Toxicol 1995 77 (3) 189
Quantitative and qualitative distribution of mercury in organs from Arctic sledgedogs: An atomic absorption spectrophotometric and histochemical study of tissue samples from natural long-termed high dietary organic mercury-exposed dogs from Thule, Greenland
Outridge PM, Evans RD// Geol Survey Canada, Analyt Chem Labs, 601 Booth St, Ottawa, Ontario, Canada K1A 0E8
J Anal Atom Spectrom 1995 10 (9) 595
Effect of laser parameters and tooth type on the ablation of trace metals from mammalian teeth
Robb P, Owen LMW, Crews HM// CSL Food Sci Lab, Norwich Res Pk, Norwich NR4 7UQ, England
J Anal Atom Spectrom 1995 10 (9) 625
Stable isotope approach to fission product element studies of soil-to-plant transfer and *in vitro* modelling of ruminant digestion using inductively coupled plasma mass spectrometry
Rosenstein DL, Ryschon TW, Niemela JE, Elin RJ, Balaban RS, Rubinow DR// NIMH, Biol Psychiat Branch, Behav Endocrinol Sect, Bldg 10 Rm 3N238, 10 Ctr Dr, MSC 1276, Bethesda, Md 20892, USA
J Amer Coll Nutr 1995 14 (5) 486
Skeletal muscle intracellular ionized magnesium measured by ³¹P-NMR spectroscopy across the menstrual cycle
Shen LH, Robberecht H, Van Dael P, Deelstra H// DLO, Netherlands Inst Fisheries Res, POB 68, 1970 AB IJmuiden, The Netherlands
Biol Tr Elem Res 1995 49 (2-3) 107
Estimation of the bioavailability of zinc and calcium from human, cow's, goat, and sheep milk by an *in vitro* method
Soares ME, Bastos ML, Carvalho F, Ferreira M// CEQUP, Fac Pharm Oporto, Toxicol Lab, Rua Anibal Cunha 164, P-4000 Oporto, Portugal
Atom Spectrosc 1995 16 (4) 149
Determination of As, Cd, and Pb in feedstuff by graphite furnace AAS
Soares ME, Bastos ML, Ferreira M*// *CEQUP, Fac Pharm Oporto, Toxicol Lab, Rua Anibal Cunha 164, P-4000 Oporto, Portugal
Analyst 1995 120 (9) 2367
Determination of arsenic, cadmium and lead in porcine and bovine kidneys by electrothermal atomic absorption spectrometry
Turnlund JR, Keyes WR, Peiffer GL// POB 29997, San Francisco, Ca 94129, USA
Amer J Clin Nutr 1995 62 (4) 790
Molybdenum absorption, excretion, and retention studied with stable isotopes in young men at five intakes of dietary molybdenum
Volkov VF, Arzhanova IG, Semenova EV// Rostov Don State Univ, Phys Res Inst, Rostov, Russia
Ind Lab-Engl Tr 1994 60 (12) 718
Analysis of the microelement composition of human blood and hair from tertiary X-ray spectra
Woller A, Mester Z, Fodor P*// *Univ Hort & Food Ind, Dept Chem & Biochem, 29-35 Villanyi ut, H-1114 Budapest, Hungary
J Anal Atom Spectrom 1995 10 (9) 609
Determination of arsenic species by high-performance liquid chromatography/ultrasonic nebulization atomic fluorescence spectrometry
- 8 DRUG, BIOCIDES & PROCESSING RESIDUES**
- Arja J, Gans Z, Sweeney R, Wolf B// Univ Penn, Sch Vet Med, Dept Pathobiol, 3800 Spruce St, Philadelphia, Pa 19104, USA
J Clin Lab Anal 1995 9 (5) 320
Dot-ELISA for the rapid detection of gentamicin in milk
Arnth W// Bundesanstalt Fleischforsch, Inst Chem & Phys, EC Baumann Str 20, D-95326 Kulmbach, Germany
Z Lebensmittel-Untersuch Fors 1995 201 (3) 261
A method for the analysis of some neuroleptics and carazolol in pork kidneys (German, English Abstract)
Begley TH, Gay ML, Hollifield HC// US FDA, Div Prod Mfg & Use, Washington, DC 20204, USA
Food Addit Contam 1995 12 (5) 671
Determination of migrants in and migration from nylon food packaging
Bell C, Ackland MR, Fitzsimmonds JF, Smith VM, Neaves P// Tech Div Labs, Dept Microbiol, Thames Ditton KT7 0ZY, Surrey, England
Neth Milk Dairy J 1995 49 (2-3) 139
Disposable oxygen electrode system without membranes applied to the detection of ultrahigh-temperature milk spoilage
Elliott CT, Hamilton L, Stevenson MH, McCaughey WJ, Boyd D// Dept Agr Nthn Ireland, Div Vet Sci, Stoney Rd, Belfast BT4 3SD, Northern Ireland
Analyst 1995 120 (9) 2337
Detection of irradiated chicken meat by analysis of lipid extracts for 2-substituted cyclobutanones using an enzyme linked immunosorbent assay
Furuta M, Dohmaru T, Katayama T, Toratani H, Takeda A// c/o Van Etten JL, Univ Nebraska, 406 Plant Sci Hall, East Campus POB 830722, Lincoln, Ne 68503, USA
J Agr Food Chem 1995 43 (8) 2130
Retention of radiolytic CO gas in irradiated pepper grains and irradiation detection of spices and dry grains with the level of stocked CO gas
Gottschall DW, Wang R// SmithKline Beecham Anim Hlth, Dept Dev Pharmacokinetic & Drug Metab, 1600 Paoli Pike, West Chester, Pa 19380, USA
J Agr Food Chem 1995 43 (9) 2520
Depletion and bioavailability of [¹⁴C]furazolidone residues in swine tissues
Kamolprasert V, Lawson AR, Hargraves WA// US FDA, Div Food Proc & Packaging, 6502 Sth Archer Rd, Summit Argo, Il 60501, USA
J Agr Food Chem 1995 43 (8) 1963
Analytical method for quantifying butyric acid, malathion, and diazinon in recycled poly(ethylene terephthalate)
Linssen J, Reitsma H, Cozijnsen J// Agr Univ Wageningen, Dept Food Sci, POB 8129, 6700 EV Wageningen, The Netherlands
Z Lebensmittel-Untersuch Fors 1995 201 (3) 253
Static headspace gas chromatography of acetaldehyde in aqueous foods and polythene terephthalate
Long A, Combes RD*// *Russell & Burch House, 96-98 Nth Sherwood St, Nottingham NG1 4EE, England
Toxicol In Vitro 1995 9 (4) 563
Using DEREK to predict the activity of some carcinogens/mutagens found in foods
McCracken RJ, Blanchflower WJ, Rowan C, McCoy MA, Kennedy DG*// *Dept Agr Nthn Ireland, Div Vet Sci, Stoney Rd, Belfast BT4 3SD, Northern Ireland
Analyst 1995 120 (9) 2347
Determination of furazolidone in porcine tissue using thermospray liquid chromatography-mass spectrometry and a study of the pharmacokinetics and stability of its residues
Montrade MP, Le Bizec B*, Monteau F, Andre F// *Ecole Natl Vet, Minist Agr, LDH, CP 3028, F-44087 Nantes 03, France
Food Addit Contam 1995 12 (5) 625
Analysis of β -agonists in urine and tissues by capillary gas chromatography-mass spectrometry: *In vivo* study of salbutamol disposition in calves
Mora JJ, Goicolea MA, Barrio RJ*, De Balugera ZG// *Univ Basque Country, Fac Pharm, Dept Analyt Chem, E-01006 Vitoria, Spain
J Liq Chromatogr 1995 18 (16) 3243
Determination of nematicide aldicarb and its metabolites aldicarb sulfoxide and aldicarb sulfone in soils and potatoes by liquid chromatography with photodiode array detection
Rowan DD, Allen JM, Fielder S, Spicer JA, Brimble MA// Hort & Food Res Inst New Zealand Inc, Private Bag 11030, Palmerston North, New Zealand
J Agr Food Chem 1995 43 (8) 2040
Identification of conjugated triene oxidation products of α -farnesene in apple skin
Rutherford BS, Shackelford DD, Ulmer JJ// DowElanco Environm Chem Labs, 9330 Zionsville Rd, Indianapolis, In 46268, USA
J Agr Food Chem 1995 43 (8) 2110
Determination of tebuthiuron and metabolites in bovine milk by GC-MSD
Schermerhorn PG, Chu PS, Kijak P// US FDA, Ctr Vet Med, Beltsville, Md 20705, USA
J Agr Food Chem 1995 43 (8) 2122
Determination of spectinomycin residues in bovine milk using liquid chromatography with electrochemical detection
Shaikh B// US FDA, Ctr Vet Med, BARC E, Bldg 328A, Beltsville, Md 20705, USA
J Agr Food Chem 1995 43 (8) 2117

Development and validation of a liquid chromatographic method for the determination of furosemide, a diuretic, in bovine milk

Ueno R, Aoki T// Mie Univ, Fac Bioresources, Tsu, Mie 514, Japan
Fish Pathol 1995 30 (3) 239

A simplified determination of oxytetracycline in serum and muscle of cultured eel by high-performance liquid chromatography

Usleber E, Dietrich R, Straka M, Martlbauer E, Unglaub W// Schellingstr 10, D-80799 Munich, Germany

Arch Lebensmittelhyg 1995 46 (4) 94

Detection of streptomycin in honey by enzyme immunoassay using solid phase extraction and immunoaffinity chromatography (German, English Abstract)

Woodrow JE, McChesney MM, Seiber JN// *Univ Nevada, Ctr Environm Sci & Engr, Reno, NY 89557, USA

J Agr Food Chem 1995 43 (8) 2126

Determination of ethylene oxide in spices using headspace gas chromatography

9 TOXINS

Barna-Vetro I, Gyongyosine HA, Wolfling A, Szabo J, Solti L// Godollo Allat-biotechnol Intezet, Mezogazdasagi Biotechnol Kutatokozpont, PF 411, H-2101 Godollo, Hungary

Magy Allatorv Lapja 1995 50 (8) 505

ELISA tests for determination of T₁ and F₂ toxin contents in cereal samples (Hungarian, English Abstract)

Hormansdorfer S, Gareis M, Bauer J, Mayr A// Tech Univ Munich, Lehrstuhl Tierhyg, Hohenbachernstr 15, D-85354 Freising, Germany

Z Lebensmittel-Untersuch Fors 1995 201 (3) 293

Determination of shiga-like toxins of *Escherichia coli* by means of the MTT-bioassay (German, English Abstract)

Nakamura N, Kumazawa S, Matsunaga T// *Tokyo Univ Agr & Technol, Dept Biotechnol, Koganei, Tokyo 184, Japan

Appl Microbiol Biotechnol 1995 43 (4) 622

In vitro electrochemical detection of wheat allergen using rat basophilic leukaemia (RBL-1) cells

Petridis KD, Steinhart H// *Univ Hamburg, Inst Biochem & Lebensmittelchem, Grindelallee 117, D-20146 Hamburg, Germany

Z Lebensmittel-Untersuch Fors 1995 201 (3) 256

Automated pre-column derivatisation with *o*-phthalaldehyde (OPA). A new RP-HPLC-method for the determination of biogenic amines in food (German, English Abstract)

Schneider E, Usleber E, Martlbauer E// Univ Munich, Fac Vet, Inst Hyg & Technol Food Anim Origin, Schellingstr 10, D-80799 Munich, Germany

J Agr Food Chem 1995 43 (9) 2548

Rapid detection of fumonisin B₁ in corn-based food by competitive direct dipstick enzyme immunoassay/enzyme-linked immunofiltration assay with integrated negative control reaction

Xiao H, Clarke JR, Marquardt RR*, Frohlich AA// *Univ Manitoba, Fac Agr & Food Sci, Dept Anim Sci, Winnipeg, Manitoba, Canada R3T 2N2

J Agr Food Chem 1995 43 (8) 2092

Improved methods for conjugating selected mycotoxins to carrier proteins and dextran for immunoassays

10 ADDITIVES

Aronovich DA, Lapudeva VA// Polymer Res Inst, Nizhnii Novgorod, Russia
Ind Lab-Engl Tr 1994 60 (12) 706

Determination of saccharin using an ion-selective electrode

Capitan-Vallvey LF, Fernandez MD, De Orbe I, Avidad R// *Univ Granada, Dept Analyt Chem, E-18071 Granada, Spain

Analyst 1995 120 (9) 2421

Simultaneous determination of Sunset Yellow FCF and Sudan I by solid-phase spectrophotometry

Chase GW, Akoh CC*, Eitenmiller RR, Landen WO// *Univ Georgia, Dept Food Sci & Technol, Food Sci Bldg, Athens, Ga 30602, USA

J Liq Chromatogr 1995 18 (15) 3129

Liquid chromatographic method for the concurrent analysis of sucrose polyester, vitamin A palmitate, and β -carotene in margarine

Chen BH, Fu SC// Fu Jen Catholic Univ, Dept Nutr & Food Sci, Taipei 242, Taiwan

Chromatographia 1995 41 (1-2) 43

Simultaneous determination of preservatives, sweeteners and antioxidants in foods by paired-ion liquid chromatography

Fatibello O, Capelato MD, Calafatti SA// Univ Fed Sao Carlos, Dept Quim, Quim Analit Grp, Caixa Postal 676, BR-13560-970 Sao Carlos, BP, Brazil

Analyst 1995 120 (9) 2407

Biamperometric titration and flow-injection determination of cyclamate in low-calorie products

11 FLAVOURS & AROMAS

Abbott N, Puech JL*, Bayonove C, Baumes R// *INRA, IPV, Lab Polymer & Tech Phys Chim, 2 Pl Viala, F-34060 Montpellier, France

Amer J Enol Viticult 1995 46 (3) 292

Determination of the aroma threshold of the *cis* and *trans* racemic forms of β -methyl- γ -octalactone by gas chromatography sniffing analysis

Bruche G, Dietrich A, Mosandl A// *JW Goethe-Univ, Biozentrum, Inst Lebensmittelchem, Marie Curie Str 9, D-60439 Frankfurt, Germany

Z Lebensmittel-Untersuch Fors 1995 201 (3) 249

Stereoisomeric flavour compounds LXXI: Determination of the origin of aroma-active dihydrofuranones

Cadwallader KR, Tan Q, Chen F, Meyers SP// Mississippi State Univ, Dept Food Sci & Technol, Box 9805, Mississippi State, Ms 39762, USA

J Agr Food Chem 1995 43 (9) 2432

Evaluation of the aroma of cooked spiny lobster tail meat by aroma extract dilution analysis

Campisi B, Dugo G, Cotroneo A, Favretto L// *Univ Trieste, Fac Econ, Dipt Econ & Merceol Risorse Nat & Prod, I-34127 Trieste, Italy

Anal Chim Acta 1995 312 (2) 199

Chemometric analysis and extraction processes of mandarin essential oils

Gardrat C, Joseph B, Rollin P, Vitry C, Bourgeois G// Univ Bordeaux 1, Inst Pin, F-33405 Talence, France

Analisis 1995 23 (5) 222

LSIMS spectra analysis of glyco brassicins (French, English Abstract)

Hofmann T, Schieberle P// *Deutsch Forsch Anstalt Lebensmittelchem, Lichtenbergstr 4, D-85748 Garching, Germany

J Agr Food Chem 1995 43 (8) 2187

Evaluation of the key odorants in a thermally treated solution of ribose and cysteine by aroma extract dilution techniques

Hofmann T, Hassner R, Schieberle P// *Address as above.

J Agr Food Chem 1995 43 (8) 2195

Determination of the chemical structure of the intense roasty, popcorn-like odorant 5-acetyl-2,3-dihydro-1,4-thiazine

Lehmann D, Dietrich A, Hener U, Mosandl A// * JW Goethe-Univ, Biozentrum, Inst Lebensmittelchem, Marie Curie Str 9, D-60439 Frankfurt/Main, Germany

Phytochem Analysis 1995 6 (5) 255

Stereoisomeric flavour compounds. LXX. 1-*p*-Menthene-8-thiol: Separation and sensory evaluation of the enantiomers by enantioselective gas chromatography olfactometry

Miller KG, Poole CF, Chichila TMP// Wayne State Univ, Dept Chem, Detroit, Mi 48202, USA

J High Res Chromatogr 1995 18 (8) 461

Solvent-assisted supercritical fluid extraction for the isolation of semivolatiles flavor compounds from the cinnamons of commerce and their separation by series-coupled column gas chromatography

Pelusio F, Nilsson T*, Montanarella L, Tilio R, Larsen B, Facchetti S, Madsen JO// *Commiss European Communities, Joint Res Ctr, Inst Environm, I-21020 Ispra, Italy

J Agr Food Chem 1995 43 (8) 2138

Headspace solid-phase microextraction analysis of volatile organic sulfur compounds in black and white truffle aroma

Roberts DD, Acree TE// *Cornell Univ, New York State Agr Expt Stn, Dept Food Sci & Technol, Geneva, NY 14456, USA

J Agr Food Chem 1995 43 (8) 2179

Simulation of retronasal aroma using a modified headspace technique: Investigating the effects of saliva, temperature, shearing, and oil on flavor release

Schieberle P// Inst Lebensmittelchem, Lichtenbergstr 4, D-85748 Garching, Germany

J Agr Food Chem 1995 43 (9) 2442

Quantitation of important roast-smelling odorants in popcorn by stable isotope dilution assays and model studies on flavor formation during popping

Schulz H, Losing G// Dragoco Gerberding & Co AG, Zent Analyt Abt, D-37601 Holzminden, Germany

Deut Lebensm-Rundsch 1995 91 (8) 239

Quality control of essential oils by NIR spectroscopy (German, English Ab-

stract)

Schumacher K, Turgeon H, Mosandl A*// *JW Goethe-Univ, Biozentrum, Inst Lebensmittelchem, Marie Curie Str 9, D-60439 Frankfurt/Main, Germany
Phytochem Analysis 1995 6 (5) 258

Sample preparation for gas chromatography-isotope ratio mass spectrometry: An investigation with volatile components from strawberries

Taylor F// USDA ARS, Eastern Reg Res Ctr, Engr Sci Res Unit, 600 East Mermaid Lane, Philadelphia, Pa 19118, USA

J Ind Microbiol 1995 15 (2) 71

Blue cheese flavor production by submerged fermentation with on-line monitoring by gas chromatography

Weintraub RA, Ameer B, Johnson JV, Yost RA// FMC Corp, Ctr Agr Res & Dev, POB 8, Princeton, NJ 08543, USA

J Agr Food Chem 1995 43 (8) 1966

Trace determination of naringenin and hesperitin by tandem mass spectrometry

13 ANIMAL PRODUCTS

Duce SL, Amin MHG, Horsfield MA, Tyszka M, Hall LD// Univ Cambridge, Sch Clin Med, Herchel Smith Lab Med Chem, Univ Forvie Site, Robinson Way, Cambridge CB2 2PZ, England

Int Dairy J 1995 5 (3) 311

Nuclear magnetic resonance imaging of dairy products in two and three dimensions

Huang TS, Marshall MR, Kao KJ, Otwell WS, Wei CI*// *Univ Florida, Dept Food Sci & Human Nutr, Gainesville, Fl 32611, USA

J Agr Food Chem 1995 43 (8) 2301

Development of monoclonal antibodies for red snapper (*Lutjanus campechanus*) identification using enzyme-linked immunosorbent assay

Isaksson T, Tøgersen G, Iversen A, Hildrum KI// Norwegian Food Res Inst, Mattforsk, Osloveien 1, N-1430 AS, Norway

J Sci Food Agr 1995 69 (1) 95

Non-destructive determination of fat, moisture and protein in salmon fillets by use of near-infrared diffuse spectroscopy

Song CY, Otto R// Landesuntersuchungsinstitut Lebensmittel Arzneimittel, Invalidenstr 60, D-10557 Berlin, Germany

Z Lebensmittel-Untersuch Fors 1995 201 (3) 226

Rapid determination of the value-determining constituents in sausage products by near-infrared transmission spectroscopy (German, English Abstract)

Ulberth F, Roubicek D// Agr Univ Vienna, Dept Dairy Res & Bacteriol, A-1180 Vienna, Austria

Int Dairy J 1995 5 (6) 523

Monitoring of oxidative deterioration of milk powder by headspace gas chromatography

Vallejo-Cordoba B, Arteaga GE, Nakai S*// *Univ British Columbia, Dept Food Sci, 6650 NW Marine Dr, Vancouver, Brit Columbia, Canada V6T 1Z4

J Food Sci 1995 60 (5) 885

Predicting milk shelf-life based on artificial neural networks and headspace gas chromatographic data

Vyncke W// Rijksinst Zeevisserij, Ankerstr 1, B-8400 Oostende, Belgium

Arch Lebensmittelhyg 1995 46 (4) 96

The determination of total volatile bases in eye fluid as a non-destructive spoilage assessment test for fish (German, English Abstract)

14 PLANT & MICROBIAL PRODUCTS

Baldi A, Romani A, Mulinacci N, Vincieri FF*, Casetta B// *Univ Florence, Dipt Sci Farmaceut, Via Gino Capponi 9, I-50121 Florence, Italy

J Agr Food Chem 1995 43 (8) 2104

HPLC/MS application to anthocyanins of *Vitis vinifera* L

Beresovsky N, Kopelman IJ, Mizrahi S*// *Technion Israel Inst Technol, Dept Food Engr & Biotechnol, IL-32000 Haifa, Israel

J Food Process Preserv 1995 19 (2) 133

The role of pulp interparticle interaction in determining tomato juice viscosity

Carreno J, Martinez A, Almela L, Fernandez-Lopez JA*// *Univ Murcia, Escuela Politecn Super, Dept Ingn Quim Cartagena, E-30203 Cartagena, Spain

Food Res Int 1995 28 (4) 373

Proposal of an index for the objective evaluation of the colour of red table grapes

Csernati T, Forgacs E, Kiss V// Hungarian Acad Sci, Cent Res Inst Chem, POB 17, H-1525 Budapest, Hungary

Nahrung 1995 39 (4) 269

High-performance liquid chromatographic detection of a strongly retained pigment fraction in *Capsicum annum*

Ehlers D, Pfister M, Bork WR, Toffel-Nadolny P// Tech Fachsch Berlin, Fachbereich Lebensmittelchem & Verpackungstech, D-10785 Berlin, Germany

Z Lebensmittel-Untersuch Fors 1995 201 (3) 278

HPLC analysis of tonka bean extracts (German, English Abstract)

Escobal A, Iriondo C, Laborra C, Ulibarrena E// Univ Pais Vasco, Fac Ciencias, Dept Quim Organ, Aptdo 644-E, E-48080 Bilbao, Spain

Atom Spectrosc 1995 16 (4) 162

Application of FAAS and GFAAS to the control of cloudiness in Txakoli wine

Frega N, Bocci F, Lercker G// Univ Florence, Dipt Sci & Tecnol Alimentari & Microbiol, Ind & Tecnol Alimentari Sez, I-50144 Florence, Italy

Ind Aliment 1995 34 (339) 705

Determination of Robusta in commercial coffee blends with Arabica coffee (Italian, English Abstract)

Gao Y, Cahoon GA*// *Ohio State Univ, Ohio Agr Res & Dev Ctr, Dept Hort, 1680 Madison Ave, Wooster, Oh 44691, USA

Amer J Enol Viticult 1995 46 (3) 339

High-performance liquid chromatographic analysis of anthocyanins in the red seedless table grape reliance

Gil MI, Ferreres F, Tomas-Barberan FA*// *CEBAS, CSIC, Dept Ciencia & Tecnol Alimentos, Fitoquim Lab, POB 4195, E-30080 Murcia, Spain

J Liq Chromatogr 1995 18 (15) 3007

Micellar electrokinetic capillary chromatography of methylated flavone aglycones

Johnson RL, Htoon AK, Shaw KJ// CSIRO, Div Food Sci & Technol, POB 52, North Ryde, NSW 2113, Australia

Food Aust 1995 47 (9) 426

Detection of orange peel extract in orange juice

Kaiser AG, Mailer RJ, Vonarx MM// New Sth Wales Agr & Fisheries, Agr Res Inst, Wagga Wagga, NSW 2650, Australia

J Sci Food Agr 1995 69 (1) 51

A comparison of Karl Fischer titration with alternative methods for the analysis of silage dry matter content

Kallithraka S, Garcia-Viguera C, Bridle P, Bakker J// AFRC Inst Food Res, Reading Lab, Earley Gate, Whiteknights Rd, Reading RG6 6BZ, England

Phytochem Analysis 1995 6 (5) 265

Survey of solvents for the extraction of grape seed phenolics

Masuda T, Jitoe A, Mabry TJ// Osaka City Univ, Fac Human Life Sci, Osaka 558, Japan

J Amer Oil Chem Soc 1995 72 (9) 1053

Isolation and structure determination of cassumunarin A, B, and C: New anti-inflammatory antioxidants from a tropical ginger, *Zingiber cassumunar*

Nagabhushana KS, Ravindranath B*// *Vittal Mallya Sci Res Fdn, POB 406, Kr Rd, Bangalore 560004, Karnataka, India

J Agr Food Chem 1995 43 (9) 2381

Efficient medium-scale chromatographic group separation of anacardic acids from solvent-extracted cashew nut (*Anacardium occidentale*) shell liquid

Negueruela AI, Echavarrri JF*, Perez MM// *Lab Color Rioja, Luis Ulloa 20, E-26004 Lograno, Spain

Amer J Enol Viticult 1995 46 (3) 353

A study of correlation between enological colorimetric indexes and CIE colorimetric parameters in red wines

Soleas GJ, Goldberg DM, Diamandis EP, Karumanchiri A, Yan J, Ng E// Andres Wines Ltd, POB 10550, Winona, Ontario, Canada L8E 5S4

Amer J Enol Viticult 1995 46 (3) 346

A derivatized gas chromatographic/mass spectrometric method for the analysis of both isomers of resveratrol in juice and wine

Strigl AW, Leitner E, Pfannhauser W*// *Graz Tech Univ, Inst Biochem & Lebensmittelchem, Petersgasse 12, A-8010 Graz, Austria

Z Lebensmittel-Untersuch Fors 1995 201 (3) 266

Qualitative and quantitative analyses of the anthocyanins in black chokeberries (*Aronia melanocarpa* Michx Ell) by TLC, HPLC, and UV/Vis-spectrometry (German, English Abstract)

Yousif AK, Morton ID, Mustafa AI// Univ Jordan, Fac Agr, Dept Nutr & Food Technol, Amman, Jordan

Arab Gulf J Sci Res 1995 13 (2) 275

Light and scanning electron microscopy of wheat-paste dough and bread

Yunianta, Zhang BL, Lees M, Martin GJ*// *Univ Nantes, CNRS, URA 472, 2 rue Houssiniere, F-44072 Nantes 03, France

J Agr Food Chem 1995 43 (9) 2411

Stable isotopes fractionation in fruit juice concentrates: Application to the authentication of grape and orange products