



ELSEVIER

Food Chemistry 92 (2005) 387–390

Food
Chemistry

www.elsevier.com/locate/foodchem

Bibliography of analytical, nutritional and clinical methods

(4 weeks journals. Search completed at 2nd Feb. 2005)

1. Books, reviews & symposia

Le Bizec B, Marchand P, Maume D, Monteau F, Andre F// Ecole Natl Vet, Atlanpole Chantierie, Route Gachet, BP 50707, FR-44307 Nantes 03, France
Chromatographia 2004 **59** (Suppl) S3

Monitoring anabolic steroids in meat-producing animals. Review of current hyphenated mass spectrometric techniques

Montero CM, Dodero MCR, Sanchez DAG, Barroso CG// Univ Cadiz, Fac Sci, Dept Analyt Chem, C/ Republica Saharaui s/n, ES-11510 Cadiz, Spain
Chromatographia 2004 **59** (1-2) 15

Analysis of low molecular weight carbohydrates in food and beverages: A review

2. General

Wen XW, Herdan J, West S, Kinkade D, Vilissova N, Anderson M// Thermo Electron Corp, Environm Instruments Div, Water Anal, 166 Cummings Ctr, Beverly, Ma 01915, USA
J AOAC Int 2004 **87** (5) 1208

Application of rapid, electrochemical Flash Titration™ to total acidity and alkalinity determinations in buffers, foods, and beverages

3. Amino acids, proteins & enzymes

Mota MVT, Ferreira IMPLVO*, Oliveira MBP, Rocha C, Teixeira JA, Torres D, Goncalves MP// *Univ Porto, Fac Farm, Serv Bromatol, REQUIMTE, Rua Anibal Cunha 164, PT-4050-047 Oporto, Portugal
J Liq Chromatogr Relat Technol 2004 **27** (16) 2625

Enzymatic hydrolysis of whey protein concentrates: Peptide HPLC profiles

4. Carbohydrates

Stegmans M, Iliens S, Hoebregs H// Orafit, Analyt Serv, Aandorenstr 1, BE-3300 Tienen, Belgium
J AOAC Int 2004 **87** (5) 1200

Enzymatic, spectrophotometric determination of glucose, fructose, sucrose, and inulin/oligofructose in foods

Zhou JZQ, Waszkuc T, Mohammed F// NOW Natural Foods Inc, Methods Dev Lab, 395 Sth Glen Ellyn Rd, Bloomingdale, IL 60108, USA
J AOAC Int 2004 **87** (5) 1083

Single laboratory validation of a method for determination of glucosamine in raw materials and dietary supplements containing glucosamine sulfate and/or glucosamine hydrochloride by high-performance liquid chromatography with FMOC-Su derivatization

5. Lipids

Adanyi N, Varadi M// Cent Food Res Inst, POB 393, HU-1537 Budapest, Hungary
Eur Food Res Technol 2004 **219** (4) 432

Catalase-based thin-layer enzyme cell used in organic-phase FIA system for determination of moisture in oily foods

Buchgraber M, Senaldi C, Ulberth F, Anklam E*// *European Commission, DG Joint Res Ctr, Inst Reference Mat & Measurements, Retiesweg, BE-2440 Geel, Belgium

J AOAC Int 2004 **87** (5) 1153

Detection and quantification of cocoa butter equivalents in cocoa butter and plain chocolate by gas liquid chromatography of triacylglycerols

Buchgraber M, Ulberth F, Anklam E*// Address as above

J AOAC Int 2004 **87** (5) 1164

Method validation for detection and quantification of cocoa butter equivalents in cocoa butter and plain chocolate

Guthausen A, Guthausen G*, Kamlowski A, Todt H, Burk W, Schmalbein D// *Bruker Opt GmbH, DE-76287 Rheinstetten, Germany
J Am Oil Chem Soc 2004 **81** (8) 727

Measurement of fat content of food with single-sided NMR

Gutierrez E, Wang T*, Fehr W// *2312 Food Sci Bldg, Ames, Ia 50014, USA
J Am Oil Chem Soc 2004 **81** (8) 737

Quantification of sphingolipids in soybeans

Lopez-Hernandez A, Torres CF, Garcia HS, Hill CG*// *Univ Wisconsin, Dept Biol & Chem Engn, 1415 Engn Dr, Madison, Wi 53706, USA
J Am Oil Chem Soc 2004 **81** (8) 743

Method for analysis of TAG formed by reaction of fish oil with hydrogenated soybean oil

Marcinac S, Sokol J, Bystricky P, Popelka P, Turek P, Bhide M, Mate DZ// Univ Vet Med, Dept Food Hyg & Technol, Komenskeho 73, SK-04181 Kosice, Slovakia
J AOAC Int 2004 **87** (5) 1148

Determination of lipid oxidation level in broiler meat by liquid chromatography

Morrison DJ, Cooper K, Waldron S, Slater C, Weaver LT, Preston T// Univ Glasgow, Royal Hosp Sick Children, Div Develop Med, Child Hlth Sect, Yorkhill, Glasgow G3 8SJ, Scotland
Rapid Commun Mass Spectrom 2004 **18** (21) 2593

A streamlined approach to the analysis of volatile fatty acids and its application to the measurement of whole-body flux

Tan YA, Kuntom A, Lee CK, Low KS// Malaysian Palm Oil Board, Prod Dev & Advisory Serv Unit, 6 Persiaran Institusi, Bandar Baru Bangi, MY-43000 Kajang, Selangor, Malaysia
J Am Oil Chem Soc 2004 **81** (8) 733

Comparative evaluation of palm oil color measurement using a prototype palm oil colorimeter

6. Vitamins & co-factors

Aman R, Bayha S, Carle R, Schieber A*// *Univ Hohenheim, Inst Food Technol, Sect Plant Foodstuff Technol, August von Hartmann Str 3, DE-70599 Stuttgart, Germany
J Agric Food Chem 2004 **52** (20) 6086

Determination of carotenoid stereoisomers in commercial dietary supplements by high-performance liquid chromatography

Chase GW, Ye L, Stoakes VC, Eitenmiller RR, Long AR// US/FDA, Pacific Reg Lab NW, 22201 23rd Dr SE, Bothell, Wa 98026, USA
J AOAC Int 2004 **87** (5) 1173

An interlaboratory-verified method for the determination of vitamins A and E in milk- and soy-based infant formula by liquid chromatography with matrix solid-phase dispersion extraction

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/Allergens; 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.

doi:10.1016/S0308-8146(05)00189-5

Lee BL, Su J, Ong CN*// *Natl Univ Singapore, Fac Med, Dept Community Occupat & Family Med, 16 Med Dr, SG-117597 Singapore, Rep Singapore
J Chromatogr A 2004 **1048** (2) 263

Monomeric C18 chromatographic method for the liquid chromatographic determination of lipophilic antioxidants in plants

Periago MJ, Rincon F, Aguera MD, Ros G// Univ Murcia, Fac Vet, Dept Tecnol Alimentos Nutr & Bromatol, Campus Espinardo, ES-30071 Murcia, Spain
J Agric Food Chem 2004 **52** (19) 5796

Mixture approach for optimizing lycopene extraction from tomato and tomato products

Schierle J, Pietsch B, Ceresa A, Fizet C, Waysek EH// DSM Nutritional Products Ltd, Res & Dev, Analyt Res Ctr, POB 3255, CH-4002 Basel, Switzerland
J AOAC Int 2004 **87** (5) 1070

Method for the determination of β -carotene in supplements and raw materials by reversed-phase liquid chromatography: Single laboratory validation

Silva FO// Univ Fed Minas Gerais, Dept Quim, Avda Antonio Carlos 6627, BR-31270-901 Belo Horizonte, MG, Brazil
Food Control 2005 **16** (1) 55

Total ascorbic acid determination in fresh squeezed orange juice by gas chromatography

Skogsberg U, Zeeb D, Albert K*// *Univ Tubingen, Inst Organ Chem, Am Morgenstelle 18, DE-72076 Tubingen, Germany
Chromatographia 2004 **59** (3-4) 153

A comparison of the retention behaviour of vitamin A and some metabolites eluted from four different reversed phase high performance liquid chromatographic stationary phases

Vinas P, Balsalobre N, Lopez-Erroz C, Hernandez-Cordoba M*// *Univ Murcia, Fac Chem, Dept Analyt Chem, ES-30071 Murcia, Spain
Chromatographia 2004 **59** (5-6) 381

Determination of vitamin B₆ compounds in foods using liquid chromatography with post-column derivatization fluorescence detection

7. Trace elements & minerals

Ventura-Gayete JF, Rodenas-Torralba E, Morales-Rubio A*, Garrigues S, De La Guardia M// *Univ Valencia, Dept Quim Analit, Res Bldg, 50 Dr Moliner St, ES-46100 Valencia, Spain
J AOAC Int 2004 **87** (5) 1252

A multicommutated flow system for determination of bismuth in milk shakes by hydride generation atomic fluorescence spectrometry incorporating on-line neutralization of waste effluent

8. Drug, biocide & processing residues

Al-Omair A, Helaleh MIH// Kuwait Inst Sci Res, CAL, POB 24885, KW-13109 Safat, Kuwait
Chromatographia 2004 **59** (11-12) 715

Selected-ion storage GC-MS analysis of polycyclic aromatic hydrocarbons in palm dates and tuna fish

Albero B, Sanchez-Brunete C, Tadeo JL*// *INIA, Dept Medio Ambiente, Ctra Coruna km 7, Madrid, Spain
J Agric Food Chem 2004 **52** (19) 5828

Analysis of pesticides in honey by solid-phase extraction and gas chromatography-mass spectrometry

Casella IG, Contursi M// Univ Basilicata, Dipt Chim, Via N Sauro 85, IT-85100 Potenza, Italy
J Agric Food Chem 2004 **52** (19) 5816

Quantitative analysis of acrolein in heated vegetable oils by liquid chromatography with pulsed electrochemical detection

Fauhl C, Wittkowski R, Lofthouse J, Hird S, Brereton P, Versini G, Lees M, Guillou C// Bundesinst Risikobewertung, POB 1033, DE-14195 Berlin, Germany
J AOAC Int 2004 **87** (5) 1179

Gas chromatographic/mass spectrometric determination of 3-methoxy-1,2-propanediol and cyclic diglycerols, by-products of technical glycerol, in wine: Interlaboratory study

Idowu OR, Kijak PJ, Meinertz JR, Schmidt LJ// US/FDA, Ctr Vet Med, 8401 Muirkirk Rd, Laurel, Md 20708, USA
J AOAC Int 2004 **87** (5) 1098

Development and validation of a gas chromatography/mass spectrometry procedure for confirmation of *para*-toluenesulfonamide in edible fish fillet tissue

Khan AA, Khan HM*, Delincee H// *Univ Peshawar, Radiat Chem Lab, Natl Ctr Excellence Phys Chem, PK-25120 Peshawar, Pakistan
Food Control 2005 **16** (2) 141

DNA Comet assay - A rapid screening method for detection of irradiated cereals and tree nuts

Krynitsky AJ, Niemann RA, Nortrup DA// US/FDA, Ctr Food Safety & Appl Nutr, 5100 Paint Branch Parkway, College Park, Md 20740, USA
Anal Chem 2004 **76** (18) 5518

Determination of perchlorate anion in foods by ion chromatography-tandem mass spectrometry

Mercer GE, Hurlbut JA// US/FDA, Pacific Reg Lab NW, 22201 23rd Dr SE, Bothell, Wa 98021, USA
J AOAC Int 2004 **87** (5) 1224

A multiresidue pesticide monitoring procedure using gas chromatography/mass spectrometry and selected ion monitoring for the determination of pesticides containing nitrogen, sulfur, and/or oxygen in fruits and vegetables

Michulec M, Wardencki W*// *Gdansk Tech Univ, Fac Chem, Dept Analyt Chem, 11-12 G Narutowicza Str, PL-80952 Gdansk, Poland
Chromatographia 2004 **60** (Suppl) S273

Determination of solvents residues in vegetable oils and pharmaceuticals by headspace analysis and capillary gas chromatography

Moreda W, Rodriguez-Acuna R, Perez-Camino MDC, Cert A// Inst Grasa - CSIC, Avda Padre Garcia Tejero 4, ES-41012 Seville, Spain
J Sci Food Agric 2004 **84** (13) 1759

Determination of high molecular mass polycyclic aromatic hydrocarbons in refined olive pomace and other vegetable oils

Ortelli D, Edder P, Corvi C// Serv Protect Consommation, Quai Ernest Ansermet 22, CP 166, CH-1211 Geneva 4, Switzerland
Chromatographia 2004 **59** (1-2) 61

Analysis of chloramphenicol residues in honey by liquid chromatography-tandem mass spectrometry

Podhorniak LV, Schenck FJ, Krynitsky A, Griffith F// US/EPA, Analyt Chem Branch, Off Pesticide Programs, Biol & Econ Anal Div, Environm Sci Ctr, Fort George G Meade, Md 20755, USA
J AOAC Int 2004 **87** (5) 1237

Multiresidue method for *N*-methyl carbamates and metabolite pesticide residues at the parts-per-billion level in selected representative commodities of fruit and vegetable crop groups

Quan L, Li SF*, Tian SJ, Xu H, Lin AQ, Gu L// *Tianjin Univ, Sch Chem Engn & Technol, State Key Lab Chem Technol, CN-300072 Tianjin, Peoples Rep China
Chromatographia 2004 **59** (1-2) 89

Determination of organochlorine pesticides residue in ginseng root by orthogonal array design soxhlet extraction and gas chromatography

Salisbury CDC// Canadian Food Inspect Agcy, Ctr Vet Drug Residues, 116 Vet Rd, Saskatoon, Saskatchewan, Canada S7N 2R3
J AOAC Int 2004 **87** (5) 1109

Evaluation of the Swab Test On Premises for detection of antimicrobial residues in bovine and porcine kidneys

Salisbury CDC, Sweet JC, Munro R// Address as above
J AOAC Int 2004 **87** (5) 1264

Determination of sulfonamide residues in the tissues of food animals using automated precolumn derivatization and liquid chromatography with fluorescence detection

Soler C, Manes J, Pico Y*// *Univ Valencia, Lab Bromatol & Toxicol, Avda Vicent Andres Estelles s/n, ES-46100 Burjassot, Valencia, Spain
J Chromatogr A 2004 **1048** (1) 41

Liquid chromatography-electrospray quadrupole ion-trap mass spectrometry of nine pesticides in fruits

Topuz S, Ozhan G, Alpertunga B*// *Istanbul Univ, Fac Pharm, Dept Pharmacol Toxicol, TR-34116 Istanbul, Turkey
Food Control 2005 **16** (1) 87

Simultaneous determination of various pesticides in fruit juices by HPLC-DAD

Vallejo-Cordoba B, Mazorra-Manzano MA, Gonzalez-Cordova AF// Ctr Invest Alimentacion & Desarrollo AC, Carretera Victoria km 0.6, POB 1735, MX-83000 Hermosillo, Sonora, Mexico
J Agric Food Chem 2004 **52** (19) 5787

New capillary electrophoresis method for the determination of furosine in dairy products

Van Hoof N, De Wasch K, Poelmans S, Bruneel D, Spruyt S, Noppe H, Janssen C, Courtheyn D, De Brabander H// Ghent Univ, Dept Vet Publ Hlth & Food Safety, Salisburylaan 133, BE-9820 Merelbeke, Belgium
Chromatographia 2004 **59** (Suppl) S85

Norchlorotestosterone acetate: An alternative metabolism study and GC-MS² analysis in kidney fat, urine, and faeces

Vidal JLM, Arebola FJ, Frenich AG, Fernandez JM, Mateu-Sanchez M// Univ Almeria, Dept Analyt Chem, Res Grp Analyt Chem Contaminants, ES-04071 Almeria, Spain
Chromatographia 2004 **59** (5-6) 321

Validation of a gas chromatographic-tandem mass spectrometric method for analysis of pesticide residues in six food commodities. Selection of a reference matrix for calibration

West SD, Hastings MJ, Shackelford DD, Dial GE// Dow AgroSciences LLC, Regulatory Labs, Indianapolis Lab, 9330 Zionsville Rd, Indianapolis, IN 46268, USA

J Agric Food Chem 2004 **52** (19) 5781

Determination of oryzalin in water, citrus fruits, and stone fruits by liquid chromatography with tandem mass spectrometry

Yusty MAL, Davina JLC// University Santiago de Compostela, Fac Pharm, Dept Analyt Chem Nutr & Bromatol, ES-15782 Santiago de Compostela, Spain

Food Control 2005 **16** (1) 59

Supercritical fluid extraction and high-performance liquid chromatography-fluorescence detection method for polycyclic aromatic hydrocarbons investigation in vegetable oil

9. Toxins/Allergens

Briggs LR, Miles CO, Fitzgerald JM, Ross KM, Garthwaite I, Towers NR// AgRes Ltd, Ruakura Research Centre, Private Bag 3123, Hamilton, New Zealand

J Agric Food Chem 2004 **52** (19) 5836

Enzyme-linked immunosorbent assay for the detection of yessotoxin and its analogues

Champeil A, Fourbet JF, Dore T// UMR Agron INRA INA P-G, Ctr INRA Versailles Grignon, FR-78850 Thiverval Grignon, France

J Agric Food Chem 2004 **52** (20) 6049

Effects of grain sampling procedures in *Fusarium* mycotoxin assays in wheat grains

Gray DE, Porter A, O'Neill T, Harris RK, Rottinghaus GE// Midwest Res Inst, 425 Volker Blvd, Kansas City, Mo 64110, USA

J AOAC Int 2004 **87** (5) 1049

A rapid cleanup method for the isolation and concentration of pyrrolizidine alkaloids in comfrey root

Hormazabal V, Ostensvik O, O'Sullivan K, Granum PE// Norwegian Sch Vet Sci, Div Food Safety, POB 8146 Dep, NO-0033 Oslo, Norway

J Liq Chromatogr Relat Technol 2004 **27** (16) 2531

Quantification of *Bacillus cereus* emetic toxin (cereulide) in figs using LC/MS

Nuryono N, Noviandi CT, Bohm J, Razzazi-Fazeli E*// *Univ Vet Med, Inst Nutr, Veterinarpl 1, AT-1210 Vienna, Austria

Food Control 2005 **16** (1) 65

A limited survey of zearalenone in Indonesian maize-based food and feed by ELISA and high performance liquid chromatography

10. Additives

De Jong J, Stoisser B, Wagner K, Tomassen M, Driessen J, Hofmann P, Putzka HA// RIKILT - Inst Food Safety, POB 230, NL-6700 AE Wageningen, The Netherlands

J AOAC Int 2004 **87** (5) 1033

Determination of maduramicin in feedingstuffs and premixtures by liquid chromatography: Development, validation, and interlaboratory study

Gonzalez M, Lobo MG, Mendez J, Carnero A// Institute Canario Invest Agrarias, Plant Physiology Laboratory, Apdo 60, ES-38200 La Laguna, Spain

Food Control 2005 **16** (2) 105

Detection of colour adulteration in cochineals by spectrophotometric determination of yellow and red pigment groups

11. Flavours & aromas

Cabredo-Pinillos S, Cedron-Fernandez T, Parra-Manzanares A, Saenz-Barrio C// Univ Rioja, Dept Chem Analyt Chem, C/ Madre de Dios 51, Logrono, Spain

Chromatographia 2004 **59** (11-12) 733

Determination of volatile compounds in wine by automated solid-phase microextraction and gas chromatography

Jonsdottir R, Olafsdottir G, Martinsdottir E, Stefansson G// Iceland Fisheries Labs, Skulagata 4, IS-101 Reykjavik, Iceland

J Agric Food Chem 2004 **52** (20) 6250

Flavor characterization of ripened cod roe by gas chromatography, sensory analysis, and electronic nose

Lopez R, Ezpeleta E, Sanchez I, Cacho J, Ferreira V*// *Univ Zaragoza, Dept Anal Chem, ES-50009 Zaragoza, Spain

Food Chem 2004 **88** (1) 95

Analysis of the aroma intensities of volatile compounds released from mild acid hydrolysates of odourless precursors extracted from Tempranillo and Grenache grapes using gas chromatography-olfactometry

Lucchesi ME, Chemat F*, Smadja J// *Univ Reunion, Fac Sci & Technol, Lab Chim Subst Nat & Sci Aliments, 15 Ave Rene Cassin, BP 7151, FR-97715 St Denis 9, La Reunion, France

J Chromatogr A 2004 **1043** (2) 323

Solvent-free microwave extraction of essential oil from aromatic herbs: Comparison with conventional hydro-distillation

Ozel MZ, Gogus F, Hamilton JF, Lewis AC// Univ Pamukkale, Dept Chem, POB 286, TR-20017 Denizli, Turkey

Chromatographia 2004 **60** (1-2) 79

The essential oil of *Pistacia vera* L. at various temperatures of direct thermal desorption using comprehensive gas chromatography coupled with time-of-flight mass spectrometry

Pathak SB, Niranjan K, Padh H, Rajani M*// *BV Patel Educat & Res Dev Ctr, Thaltej Gandhinagar Highway, IN-380054 Ahmedabad, India

Chromatographia 2004 **60** (3-4) 241

TLC densitometric method for the quantification of eugenol and gallic acid in clove

Pourmortazavi SM, Baghaee P, Mirhosseini MA// PO Box 16765-3454, Tehran, Iran

Flavour Fragr J 2004 **19** (5) 417

Extraction of volatile compounds from *Juniperus communis* L. leaves with supercritical fluid carbon dioxide: Comparison with hydrodistillation

Selli S, Kurkcuglu M, Kafkas E, Cabaroglu T, Demirci D, Baser KHC, Canbas A// Cukurova Univ, Fac Agr, Dept Food Eng, TR-01330 Adana, Turkey

Flavour Fragr J 2004 **19** (5) 413

Volatile flavour components of mandarin wine obtained from clementines (*Citrus reticula* Blanco) extracted by solid-phase microextraction

Szoke E, Maday E, Gershenzon J, Lemberkovics E// Semmelweis Univ Med, Dept Pharmacognosy, Ulloi Str 26, HU-1085 Budapest, Hungary

Chromatographia 2004 **60** (Suppl) S269

Terpenoids in genetically transformed cultures of chamomile

Vinaixa M, Marin S, Brezmes J*, Llobet E, Vilanova X, Correig X, Ramos A, Sanchis V// *Univ Rovira & Virgili, Dept Elect Engn, Avda Paisos Catalans 26, ES-43007 Tarragona, Spain

J Agric Food Chem 2004 **52** (20) 6068

Early detection of fungal growth in bakery products by use of an electronic nose based on mass spectrometry

Zheng CH, Kim TH, Kim KH, Leem YH, Lee HJ*// *Seoul Nat University, School Agr Biotechnol, Dept Food Sci & Technol, Seoul 151 742, South Korea

Flavour Fragr J 2004 **19** (5) 401

Characterization of potent aroma compounds in *Chrysanthemum coronarium* L. (Garland) using aroma extract dilution analysis

Zhou QX, Cadwallader KR*// *Univ Illinois, Dept Food Sci & Human Nutr, 1302 West Penn Ave, Urbana, IL 61801, USA

J Agric Food Chem 2004 **52** (20) 6271

Inverse gas chromatographic method for measurement of interactions between soy protein isolate and selected flavor compounds under controlled relative humidity

12. Organic acids

Zotou A, Loukou Z, Karava O// Aristotle Univ Thessaloniki, Dept Chem, Lab Analyt Chem, GR-54124 Thessaloniki, Greece

Chromatographia 2004 **60** (1-2) 39

Method development for the determination of seven organic acids in wines by reversed-phase high performance liquid chromatography

13. Animal products

Bertram HC, Stagsted J, Young JF, Andersen HJ// Danish Inst Agr Sci, Res Ctr Foulum, Dept Food Sci, POB 50, DK-8830 Tjele, Denmark

J Agric Food Chem 2004 **52** (20) 6320

Elucidation of membrane destabilization in post-mortem muscles using an extracellular paramagnetic agent (Gd-DTPA): An NMR study

Colombo F, Manglagalli G, Renon P// Univ Milan, Dipt Sci & Tecnol Vet Sicurezza Alimentare, Via A Grasselli 7, IT-20137 Milan, Italy

Food Control 2005 **16** (1) 51

Identification of tuna species by computer-assisted and cluster analysis of PCR-SSCP electrophoretic patterns

Comi G, Iacumin L, Rantsiou K, Cantoni C, Coccolin L*// *Univ Udine, Dipt Sci Alimenti, Via Marangoni 97, IT-33100 Udine, Italy

Food Control 2005 **16** (1) 37

Molecular methods for the differentiation of species used in production of cod-fish can detect commercial frauds

- Gao HW, Xu BL, Liang CZ, Zhang YB, Zhu LH// Qindao Entry-Exit Inspect & Quarantine Bureau, Food Lab, Qingdao, Peoples Rep China
J AOAC Int 2004 **87** (5) 1195
Polymerase chain reaction method to detect *Canis* materials by amplification of species-specific DNA fragment
- Hwang DF, Jen HC, Hsieh YW, Shiau CY// Natl Taiwan Ocean Univ, Dept Food Sci, Chilung, Taiwan
J Agric Food Chem 2004 **52** (19) 5972
Applying DNA techniques to the identification of the species of dressed toasted eel products
- Love JL, Carey-Smith GV// Inst Environm Sci & Res Ltd, Christchurch Sci Ctr, POB 29 181, Christchurch, New Zealand
J AOAC Int 2004 **87** (5) 1143
Immunoassay kit used to detect the presence of bovine material in processed foods
- Thompson M, Owen L, Wilkinson K, Wood R, Damant A// Univ London Birkbeck Coll, Sch Biol & Chem Sci, Malet St, London WC1E 7HX, England
Meat Sci 2004 **68** (4) 631
Testing for bias between the Kjeldahl and Dumas methods for the determination of nitrogen in meat mixtures, by using data from a designed inter-laboratory experiment
- #### 14. Plant & microbial products
- Avula B, Khan IA// *Univ Mississippi Sch Pharm, Res Inst Pharmaceut Sci, Natl Ctr Nat Prod Res, University, Ms 38677, USA
Chromatographia 2004 **59** (1-2) 71
Separation and determination of ephedrine enantiomers and synephrine by high performance capillary electrophoresis in dietary supplements
- Baranska M, Schulz H*, Rosch P, Strehle MA, Popp J// *Fed Ctr Breeding Res Cultivated Plants, Inst Plant Anal, Neuer Weg 22-23, DE-06484 Quedlinburg, Germany
Analyst 2004 **129** (10) 926
Identification of secondary metabolites in medicinal and spice plants by NIR-FT Raman microspectroscopic mapping
- Cho MJ, Howard LR*, Prior RL, Clark JR// *Univ Arkansas, Dept Food Sci, 2650 Nth Young Ave, Fayetteville, Ar 72704, USA
J Sci Food Agric 2004 **84** (13) 1771
Flavonoid glycosides and antioxidant capacity of various blackberry, blueberry and red grape genotypes determined by high-performance liquid chromatography/mass spectrometry
- De Jager LS, Perfetti GA, Diachenko GW// US/FDA, Ctr Food Safety & Appl Nutr, 5100 Paint Branch Pkwy, College Park, Md 20740, USA
J AOAC Int 2004 **87** (5) 1042
Liquid chromatographic determination of St. John's wort components in functional foods
- De Villiers A, Lynen F, Crouch A, Sandra P// *Univ Stellenbosch, Dept Chem, CENSSUS, Private Bag 11, ZA-7602 Matieland, Rep Sth Africa
Chromatographia 2004 **59** (7-8) 403
Development of a solid-phase extraction procedure for the simultaneous determination of polyphenols, organic acids and sugars in wine
- Defernez M, Gunning YM, Parr AJ, Shepherd LVT, Davies HV, Colquhoun IJ// *Inst Food Res, Norwich Res Pk, Norwich NR4 7UA, England
J Agric Food Chem 2004 **52** (20) 6075
NMR and HPLC-UV profiling of potatoes with genetic modifications to metabolic pathways
- Ferancova A, Heilerova L, Korgova E, Silhar S, Stepanek I, Labuda J// Slovak Univ Technol, Fac Chem & Food Technol, Dept Analyt Chem, SK-81237 Bratislava, Slovakia
Eur Food Res Technol 2004 **219** (4) 416
Anti/pro-oxidative properties of selected standard chemicals and tea extracts investigated by DNA-based electrochemical biosensor
- Fuzfai Z, Kovacs E, Molnar-Perl I// *Lorand Eotvos Univ, Inst Inorgan & Analyt Chem, POB 32, HU-1518 Budapest, Hungary
Chromatographia 2004 **60** (Suppl) S143
Identification and quantitation of the main constituents of sour cherries: Simultaneously, as their trimethylsilyl derivatives, by gas chromatography-mass spectrometry
- Ganzer M, Stuppner H, Khan IA// Innsbruck Univ, Inst Pharm, Dept Pharmacognosy, AT-6020 Innsbruck, Austria
J AOAC Int 2004 **87** (5) 1189
Simultaneous determination of saponins and isoflavones in soybean (*Glycine max* L.) by reversed-phase liquid chromatography with evaporative light-scattering and ultraviolet detection
- Heimler D, Vignolini P, Galardi C, Pinelli P, Romani A// Univ Florence, Dept Soil Sci & Plant Nutr, Ple Cascine 18, IT-50144 Florence, Italy
Chromatographia 2004 **59** (5-6) 361
Simple extraction and rapid quantitative analysis of isoflavones in soybean seeds
- Herbach KM, Stintzing FC*, Carle R// *Univ Hohenheim, Inst Food Technol, Sect Plant Foodstuff Technol, August von Hartmann Str 3, DE-70599 Stuttgart, Germany
Eur Food Res Technol 2004 **219** (4) 377
Thermal degradation of betacyanins in juices from purple pitaya [*Hylocereus polyrhizus* (Weber) Britton & Rose] monitored by high-performance liquid chromatography-tandem mass spectrometric analyses
- Li WK, Sun YK, Van Breemen RB, Fitzloff JF// *Univ Illinois, Dept Med Chem & Pharmacognosy, Funct Food Hlth Core Analyt Lab, Chicago, Il 60612, USA
J Liq Chromatogr Relat Technol 2004 **27** (16) 2507
Evaluation of major caffeic acid derivatives in *Echinacea purpurea* dietary supplements by HPLC with photodiode array detection and electrospray mass spectrometry
- Luo XB, Chen B, Yao SZ// *Hunan Univ, State Key Lab Chemo Biosensing & Chemometr, CN-410082 Changsha, Peoples Rep China
Chromatographia 2004 **60** (5-6) 347
High-performance liquid chromatography with electrospray mass spectrometry for rapid and sensitive determination of sanguinarine and chelerythrine in exogenously contaminated honey
- Ma J, Yang H, Basile MJ, Kennelly EJ// *CUNY, Herbert H Lehman College, Department Biol Sci, 250 Bedford Pk Blvd West, Bronx, NY 10468, USA
J Agric Food Chem 2004 **52** (19) 5873
Analysis of polyphenolic antioxidants from the fruits of three *Pouteria* species by selected ion monitoring liquid chromatography-mass spectrometry
- Mochizuki E, Yamamoto T, Mimaki Y, Sashida Y// Yamanashi Inst Publ Hlth, 1-7-31 Fujimi, Yamaguchi 400 0027, Japan
J AOAC Int 2004 **87** (5) 1063
Ultraviolet derivatization of steroidal saponin in garlic and commercial garlic products as *p*-nitrobenzoate for liquid chromatographic determination
- Molnar P, Szabo Z, Osz E, Olah P, Toth G, Deli J// *Univ Pecs, Sch Med, Dept Biochem & Med Chem, Szigeti ut 12, HU-7624 Pecs, Hungary
Chromatographia 2004 **60** (Suppl) S101
Separation and identification of lutein derivatives in processed foods
- Muik B, Lendl B, Molina-Diaz A, Ortega-Calderon D, Ayora-Canada MJ// *Univ Jaen, Dept Phys & Analyt Chem, Paraje Lagunillas s/n, ES-23071 Jaen, Spain
J Agric Food Chem 2004 **52** (20) 6055
Discrimination of olives according to fruit quality using Fourier transform Raman spectroscopy and pattern recognition techniques
- Nemeth A, Wurz A, Artim L, Charlton S, Dana G, Glenn K*, Hunst P, Jennings J, Shilito R, Song P// *Monsanto Co, 800 Nth Lindbergh Blvd, St Louis, Mo 63167, USA
J Agric Food Chem 2004 **52** (20) 6129
Sensitive PCR analysis of animal tissue samples for fragments of endogenous and transgenic plant DNA
- Shibata S, Ishihara C, Matsumoto K// Yakult Cent Inst Microbiol Res, 1796 Yaho, Kunitachi, Tokyo 186 8650, Japan
J Agric Food Chem 2004 **52** (20) 6283
Improved separation method for highly purified lutein from *Chlorella* powder using jet mill and flash column chromatography on silica gel
- Stevanato R, Fabris S, Momo F// Univ Venice, Dept Phys Chem, Dorsoduro 2137, IT-30123 Venice, Italy
J Agric Food Chem 2004 **52** (20) 6287
Enzymatic method for the determination of total phenolic content in tea and wine
- Terzi V, Caterina M, Giovanardi D, D'Egidio MG, Stanca AM, Faccioli P// Ist Sperimentale Cerealcoltura, Via San Protaso 302, IT-29017 Fiorenzuola d'Arda, PC, Italy
Eur Food Res Technol 2004 **219** (4) 428
DNA-based analysis for authenticity assessment of monovarietal pasta
- Tomoskozi-Farkas R, Daoud HG// *Cent Food Res Inst, Herman Otto ut 15, HU-1022 Budapest, Hungary
Chromatographia 2004 **60** (Suppl) S227
Modification of chromatographic method for the determination of benzoquinones in cereal products
- Wang QE, Lee FSC, Wang XR// *Xiamen Univ, Coll Chem & Chem Engr, MOE Key Lab Analyt Sci, CN-361005 Xiamen, Peoples Rep China
J Chromatogr A 2004 **1048** (1) 51
Isolation and purification of inflacoumarin A and licochalcone A from licorice by high-speed counter-current chromatography
- Zhang H, Zeng YH, Yan F, Chen F*, Zhang XS, Liu MH, Li WG// *Sichuan Univ, Coll Life Sci, CN-610064 Chengdu, Peoples Rep China
Chromatographia 2004 **59** (11-12) 691
Semi-preparative isolation of crocins from saffron (*Crocus sativus* L.)