

Contents

Supplement Vol. 67, 2008

Editorials

Advances in Chromatography and Electrophoresis 2007 and Chiranal 2007	S1
Prof. Dr. Eva Smolková-Keulemansová	S3

Review

Electrophoresis

Dynamic Coating Agents in CE	S5
J. Znaleziona, J. Petr, R. Knob, V. Maier, J. Ševčík	

Originals

Column Liquid Chromatography

Evaluation of Pentaproline-Based Chiral Stationary Phase by LC	S13
Ye Bao, Junmin Huang, Tingyu Li, D. W. Armstrong	
LC with a Teicoplanin Aglycone Chiral Sorbent for the Separation of the Enantiomers of Non-Steroidal Anti-Inflammatory Drugs: An Evaluation of Chiral Capillary Columns	S33
M. Vadinská, Z. Bosáková, E. Tesařová, P. Coufal, J. Planeta	
Optimization of Affinity Chromatography of Pepsins on Iodinated L-Tyrosine-Sepharose	S41
J. Frýdlová, M. Tichá, Z. Kučerová	
Enzymatic Reaction Coupled with Flow-Injection Analysis with Charged Aerosol, Coulometric, or Amperometric Detection for Estimation of Contamination of the Environment by Pesticides	S47
R. Mikelova, Z. Prokop, K. Stejskal, V. Adam, M. Beklova, L. Trnkova, B. Kulichova, A. Horna, R. Chaloupkova, J. Damborsky, R. Kizek	

Electrophoresis

The Use of Carrier Ampholyte-Free Isoelectric Focusing for Proteomic Analysis	S55
B. Procházková, J. Šaplachta	
ITP Determination of Potassium and Ammonium in Fertilizers and Silage	S63
M. Nováková, L. Křivánková, I. Skalická, M. Bartoš, K. Vytřas	
CE Profiling of Organic Acids in Distilled Alcohol Beverages Using Pattern Recognition Analysis	S69
J. Sádecká, P. Májek, J. Tóthová	
Chip-Based CE for Avidin Determination in Transgenic Tobacco and Its Comparison with Square-Wave Voltammetry and Standard Gel Electrophoresis	S75
S. Krizkova, V. Hrdinova, V. Adam, E. P. J. Burgess, K. J. Kramer, M. Masarik, R. Kizek	
Comparison of the Results of SDS PAGE and Chip Electrophoresis of Wheat Storage Proteins	S83
J. Bradová, E. Matějová	
Comparison of CE-MS and LC-MS Analyses of Avian Eggshell Matrix Proteins	S89
I. Mikšík, P. Sedláková, K. Mikulíková, A. Eckhardt, V. Kašička	
CE Determination of Ketoprofen Enantiomers in Clinical Samples of Plasma, Synovial Fluid and Urine	S97
F. K. Główka, M. Karaźniewicz-Łada	

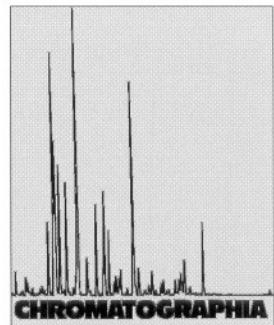
Full Short Communications

Column Liquid Chromatography

Validation of a Stability Indicating LC-UV Method for [(N-Morpholine)methylene]-daunorubicin Hydrochloride	S107
A. Jelińska, M. Zająć, J. Cielecka-Piontek, K. Głab, B. Tomaszewicz, A. Krause, I. Oszczapowicz, M. Wąsowska	

Contents

Supplement Vol. 67, 2008



Gas Chromatography

The Identification of Aroma-Active Compounds in Slovak Brandies Using GC-Sniffing,
GC-MS and Sensory Evaluation

A. Janáčová, J. Sádecká, Z. Kohajdová, I. Špánik

S113

Limited Short Communications

Column Liquid Chromatography

Chromatographic Behavior of Fosinopril Sodium and Fosinoprilat Using Neural Networks S123
B. Jančić, M. Medenica, D. Ivanović, A. Malenović, I. Popović

ESI-MS of Peptides in the Presence of L-Ascorbic Acid S129
J. Vacek, B. Klejdos, V. Kubáň

Author Index

A7

Keyword Index

A9