



ELSEVIER

Journal of Chromatography A, 895 (2000) 357–371

JOURNAL OF  
CHROMATOGRAPHY A

[www.elsevier.com/locate/chroma](http://www.elsevier.com/locate/chroma)

## Subject Index Vols. 894–895

### Activation energy

Mobility and activation energy of single-stranded DNA in denaturing cross-linked polyacrylamide slab gels 894(2000)231

### Acylcarnitines

Analysis of carnitine and acylcarnitines in urine by capillary electrophoresis 895(2000)309

### Adenovirus

Capillary zone electrophoresis of a recombinant adenovirus 895(2000)329

### Adsorption

Quantitation of protein binding to the capillary wall in acidic, isoelectric buffers and means for minimizing the phenomenon 894(2000)273

Quantitative studies on the adsorption of proteins to the bare silica wall in capillary electrophoresis. III: Effects of adsorbed surfactants on quenching the interaction 894(2000)281

### Affinity capillary electrophoresis

Congophilicity (Congo red affinity) of different  $\beta_2$ -microglobulin conformations characterized by dye affinity capillary electrophoresis 894(2000)319

### Aglycones

Analysis of enzymatically glucosylated flavonoids by capillary electrophoresis 895(2000)279

### Albumin

Sodium dodecylsulfate capillary gel electrophoretic measurement of the concentration ratios of albumin and  $\alpha_2$ -macroglobulin in cerebrospinal fluid and serum of patients with neurological disorders 895(2000)339

### Albumins

Capillary electrophoresis of seed 2S albumins from *Lupinus* species 894(2000)297

### Alcohols

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

### Alkylamines

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

### Alkylbenzenes

Life-time studies with capillary electrochromatography columns operated under different conditions 894(2000)35

### Alkylphenol

Separation of bisphenol A and three alkylphenols by micellar electrokinetic chromatography 895(2000)213

### Alkylphenols

Separation of two groups of oestrogen mimicking compounds using micellar electrokinetic chromatography 895(2000)237

### Allylaltropane

Analysis of 2 $\beta$ -carbomethoxy-3 $\beta$ -(4-fluorophenyl)-*N*-(3-iodo-*E*-allyl)nortropane in rat plasma. I. Method development and validation by capillary electrophoresis 895(2000)87

### Altropane

Analysis of 2 $\beta$ -carbomethoxy-3 $\beta$ -(4-fluorophenyl)-*N*-(3-iodo-*E*-allyl)nortropane in rat plasma. I. Method development and validation by capillary electrophoresis 895(2000)87

### Amines

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

Effects of aliphatic amines on capillary electrochromatographic performance of tricyclic antidepressants on octadecylsilica 895(2000)17

Simultaneous determination of inorganic anions and cations by capillary electrophoresis with indirect UV detection 895(2000)269

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

**Amines, aromatic**

Determination of aromatic amines in water samples by capillary electrophoresis with electrochemical and fluorescence detection 895(2000)197

**Amino acids**

Enantioseparation of anionic analytes by non-aqueous capillary electrophoresis using quinine and quinidine derivatives as chiral counter-ions 894(2000)63

Allylamine- $\beta$ -cyclodextrin copolymer. A novel chiral selector for capillary electrophoresis 894(2000)95

Direct determination of amino acids and carbohydrates by high-performance capillary electrophoresis with refractometric detection 894(2000)253

Chiral determination of amino acids by capillary electrophoresis and laser-induced fluorescence at picomolar concentrations 894(2000)259

Pressurized gradient capillary electrochromatographic separation of eighteen amino acid derivatives 894(2000)337

Determination of biologically active low-molecular-mass thiols in human blood. I. Fast qualitative and quantitative, gradient and isocratic reversed-phase high-performance liquid chromatography with photometric and fluorescence detection 895(2000)156

Determination of biologically active low-molecular-mass thiols in human blood. II. High-performance capillary electrophoresis with photometric detection 895(2000)167

Assays for total homocysteine and other thiols by capillary electrophoresis-laser-induced fluorescence detection. I. Preanalytical condition studies 895(2000)173

Determination of optical purity of phosphonic acid analogues of aromatic amino acids by capillary electrophoresis with  $\alpha$ -cyclodextrin 895(2000)301

**Aminocaproic acid**

Standardization of capillary zone electropherograms obtained by using field enhanced sample stacking 894(2000)3

**Aminoisobutyric acid**

Chiral determination of amino acids by capillary electrophoresis and laser-induced fluorescence at picomolar concentrations 894(2000)259

**Aminothiols**

Determination of biologically active low-molecular-mass thiols in human blood. I. Fast qualitative and quantitative, gradient and isocratic reversed-phase high-performance liquid chromatography with photometric and fluorescence detection 895(2000)156

Determination of biologically active low-molecular-mass thiols in human blood. II. High-performance capillary electrophoresis with photometric detection 895(2000)167

**Amphetamines**

Simultaneous analysis of some amphetamine derivatives in urine by nonaqueous capillary electrophoresis coupled to electrospray ionization mass spectrometry 895(2000)111

**Amyloids**

Congophilicity (Congo red affinity) of different  $\beta_2$ -microglobulin conformations characterized by dye affinity capillary electrophoresis 894(2000)319

**Angiotensin-converting enzyme inhibitors**

Optimization of capillary electrophoretic separation of several inhibitors of the angiotensin-converting enzyme 895(2000)33

**Anilines**

Determination of aromatic amines in water samples by capillary electrophoresis with electrochemical and fluorescence detection 895(2000)197

**Antibiotics**

Adaptation of capillary electrophoresis to the determination of selected cephalosporins for injection 895(2000)27

Analysis of doxycycline by capillary electrophoresis. Method development and validation 895(2000)43

Capillary Electrophoresis analysis of gentamicin sulphate with UV detection after pre-capillary derivatization with 1,2-phthalic dicarboxaldehyde and mercaptoacetic acid 895(2000)67

**Antidepressants, tricyclic**

Effects of aliphatic amines on capillary electrochromatographic performance of tricyclic antidepressants on octadecylsilica 895(2000)17

**Background electrolyte composition**

Comparison of separation selectivity in capillary electrokinetic chromatography using a cationic linear polymeric pseudo-stationary phase or monomeric additives of similar structure 894(2000)25

Capillary zone electrophoresis in phosphate buffer – known or unknown? 894(2000)89

Allylamine- $\beta$ -cyclodextrin copolymer. A novel chiral selector for capillary electrophoresis 894(2000)95

Capillary electrochromatography and capillary electrochromatography-electrospray mass spectrometry for the separation of non-steroidal anti-inflammatory drugs 895(2000)123

Simultaneous determination of alkali, alkaline earth and transition metal ions by capillary electrophoresis with indirect UV detection 895(2000)205

Determination of cationic surfactants by capillary zone electrophoresis and micellar electrokinetic chromatography with deoxycholate micelles in the presence of large organic solvent concentrations 895(2000)227

Capillary electrophoretic separation of the enantiomers of organophosphates with a phosphorus stereogenic center using the sodium salt of octakis(2,3-diacyl-6-sulfo)- $\gamma$ -cyclodextrin as resolving agent 895(2000)247

Simultaneous determination of inorganic anions and cations by capillary electrophoresis with indirect UV detection 895(2000)269

Highly reproducible capillary zone electrophoresis of humic acids in cyclodextrin- or oligosaccharide-modified background electrolytes 895(2000)345

#### **Benzalkonium chloride**

Determination of cationic surfactants by capillary zone electrophoresis and micellar electrokinetic chromatography with deoxycholate micelles in the presence of large organic solvent concentrations 895(2000)227

#### **Benzoic acid**

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

#### **Bile salts**

Determination of cationic surfactants by capillary zone electrophoresis and micellar electrokinetic chromatography with deoxycholate micelles in the presence of large organic solvent concentrations 895(2000)227

#### **Bis(hydroxybenzyl)ethylenediamine-*N,N'*-diacetic acid**

Separation selectivity of anionic metal complexes of *N,N'*-bis(hydroxybenzyl)ethylenediamine-*N,N'*-diacetic acid in ion and ion electrokinetic chromatography 895(2000)255

#### **Bisphenol A**

Separation of bisphenol A and three alkylphenols by micellar electrokinetic chromatography 895(2000)213

#### **Borate**

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

#### **Bromophenacyl trifluoromethanesulfonate**

Analysis of carnitine and acylcarnitines in urine by capillary electrophoresis 895(2000)309

#### **Buffer composition**

Characterization of synthetic polyelectrolytes by capillary electrophoresis 894(2000)105

Effect of ionic strength, pH and polymer concentration on the separation of DNA fragments in the presence of electroosmotic flow 894(2000)219

Chiral determination of amino acids by capillary electrophoresis and laser-induced fluorescence at picomolar concentrations 894(2000)259

Influence of the structure of cyclodextrins and amino acid sequence of dipeptides and tripeptides on the pH-dependent reversal of the migration order in capillary electrophoresis 894(2000)267

Quantitation of protein binding to the capillary wall in acidic, isoelectric buffers and means for minimizing the phenomenon 894(2000)273

Analysis of enzymatically glucosylated flavonoids by capillary electrophoresis 895(2000)279

Quantitative studies on the adsorption of proteins to the bare silica wall in capillary electrophoresis. III: Effects of adsorbed surfactants on quenching the interaction 894(2000)281

Capillary electrophoresis of seed 2S albumins from *Lupinus* species 894(2000)297

The impact of buffers and surfactants from micellar electrokinetic chromatography on matrix-assisted laser desorption ionization (MALDI) mass spectrometry of peptides. Effect of buffer type and concentration on mass determination by MALDI-time-of-flight mass spectrometry 894(2000)345

Chiral capillary electrophoresis as predictor for separation of drug enantiomers in continuous flow zone electrophoresis 895(2000)51

Separation of bisphenol A and three alkylphenols by micellar electrokinetic chromatography 895(2000)213

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

Capillary zone electrophoresis of a recombinant adenovirus 895(2000)329

#### **Capillary array electrophoresis**

Sub-microliter DNA sequencing for capillary array electrophoresis 894(2000)191

#### **Capillary columns**

Life-time studies with capillary electrochromatography columns operated under different conditions 894(2000)35

Unexpected surface chemistry in capillaries for electrophoresis 894(2000)73

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

Quantitation of protein binding to the capillary wall in acidic, isoelectric buffers and means for minimizing the phenomenon 894(2000)273

Quantitative studies on the adsorption of proteins to the bare silica wall in capillary electrophoresis. III: Effects of adsorbed surfactants on quenching the interaction 894(2000)281

#### **Capillary electrophoresis**

Standardization of capillary zone electropherograms obtained by using field enhanced sample stacking 894(2000)3

New method for standardization of electropherograms obtained in capillary zone electrophoresis 894(2000)11

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

Separation of proteins by sodium dodecylsulfate capillary electrophoresis in hydroxypropylcellulose sieving matrix with laser-induced fluorescence detection 894(2000)291

Optimization of capillary electrophoretic separation of several inhibitors of the angiotensin-converting enzyme 895(2000)33

Chiral capillary electrophoresis as predictor for separation of drug enantiomers in continuous flow zone electrophoresis 895(2000)51

Determination at ppb level of an anti-human immunodeficiency virus nucleoside drug by capillary electrophoresis-electrospray ionization tandem mass spectrometry 895(2000)101

Determination of soluble anions and cations from waters of pulp and paper mills with on-line coupled capillary electrophoresis 895(2000)189

#### **Capillary electrophoresis immunoassay**

Determination of morphine by capillary electrophoresis immunoassay in thermally reversible hydrogel-modified buffer and laser-induced fluorescence detection 895(2000)1

#### **Capillary electrophoresis-mass spectrometry**

Capillary electrophoresis and off-line capillary electrophoresis-electrospray ionization quadrupole time-of-flight tandem mass spectrometry of carbohydrates 895(2000)291

#### **Carbohydrates**

Direct determination of amino acids and carbohydrates by high-performance capillary electrophoresis with refractometric detection 894(2000)253

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

Capillary electrophoresis and off-line capillary electrophoresis-electrospray ionization quadrupole time-of-flight tandem mass spectrometry of carbohydrates 895(2000)291

#### **Carbomethoxy (4-fluorophenyl) iodoallylnortropane**

Analysis of 2 $\beta$ -carbomethoxy-3 $\beta$ -(4-fluorophenyl)-N-(3-iodo-*E*-allyl)nortropane in rat plasma. I. Method development and validation by capillary electrophoresis 895(2000)87

#### **Carnitine**

Analysis of carnitine and acylcarnitines in urine by capillary electrophoresis 895(2000)309

#### **Catecholamines**

Determination of urinary catecholamines with capillary electrophoresis after solid-phase extraction 895(2000)317

#### **Cell**

Capillary electrophoretic determination of apoptosis of HeLa cells induced by trichosanthin 894(2000)165

#### **Central composite design**

Capillary Electrophoresis analysis of gentamicin sulphate with UV detection after pre-capillary derivatization with 1,2-phthalic dicarboxaldehyde and mercaptoacetic acid 895(2000)67

#### **Cephalosporins**

Adaptation of capillary electrophoresis to the determination of selected cephalosporins for injection 895(2000)27

#### **Cetylpyridinium chloride**

Determination of cationic surfactants by capillary zone electrophoresis and micellar electrokinetic chromatography with deoxycholate micelles in the presence of large organic solvent concentrations 895(2000)227

#### **Charge coupled device detection**

Capillary electrophoresis with laser-induced fluorescence in clinical drug development. Routine application and future aspects 895(2000)147

#### **Cheese**

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

#### **Chiral selectors**

Allylamine- $\beta$ -cyclodextrin copolymer. A novel chiral selector for capillary electrophoresis 894(2000)95

Influence of the structure of cyclodextrins and amino acid sequence of dipeptides and tripeptides on the pH-dependent reversal of the migration order in capillary electrophoresis 894(2000)267

**Chlorpheniramine**

Chiral capillary electrophoresis as predictor for separation of drug enantiomers in continuous flow zone electrophoresis 895(2000)51

**Coated capillaries**

Capillary zone electrophoresis of a recombinant adenovirus 895(2000)329

**Coated columns**

Novel, trifunctional diamine for silica coating in capillary zone electrophoresis 894(2000)53

**Cobalt**

Integration of a microextraction system. Solvent extraction of a Co-2-nitroso-5-dimethylaminophenol complex on a microchip 894(2000)19

**Codeine**

Analysis of codeine, dihydrocodeine and their glucuronides in human urine by electrokinetic capillary immunoassays and capillary electrophoresis-ion trap mass spectrometry 895(2000)133

**Complexation**

Simultaneous determination of alkali, alkaline earth and transition metal ions by capillary electrophoresis with indirect UV detection 895(2000)205

Separation selectivity of anionic metal complexes of *N,N'*-bis(hydroxybenzyl)ethylenediamine-*N,N'*-diacetic acid in ion and ion electrokinetic chromatography 895(2000)255

**Congo red**

Congophilicity (Congo red affinity) of different  $\beta_2$ -microglobulin conformations characterized by dye affinity capillary electrophoresis 894(2000)319

**Coupled columns**

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

**Cupferron**

Separation and direct UV detection of lanthanides complexed with cupferron by capillary electrophoresis 895(2000)263

**Cyclodextrins**

Allylamine- $\beta$ -cyclodextrin copolymer. A novel chiral selector for capillary electrophoresis 894(2000)95

Methyl- $\beta$ -cyclodextrin modified micellar electrokinetic capillary chromatography with laser-induced fluorescence for separation and detection of phospholipids 894(2000)129

Influence of the structure of cyclodextrins and amino acid sequence of dipeptides and tripeptides on the pH-dependent reversal of the migration order in capillary electrophoresis 894(2000)267

The impact of buffers and surfactants from micellar electrokinetic chromatography on matrix-assisted laser desorption ionization (MALDI) mass spectrometry of peptides. Effect of buffer type and concentration on mass determination by MALDI-time-of-flight mass spectrometry 894(2000)345

Capillary electrophoretic separation of the enantiomers of organophosphates with a phosphorus stereogenic center using the sodium salt of octakis(2,3-diacetyl-6-sulfo)- $\gamma$ -cyclodextrin as resolving agent 895(2000)247

Highly reproducible capillary zone electrophoresis of humic acids in cyclodextrin- or oligosaccharide-modified background electrolytes 895(2000)345

**Cysteine**

Determination of biologically active low-molecular-mass thiols in human blood. I. Fast qualitative and quantitative, gradient and isocratic reversed-phase high-performance liquid chromatography with photometric and fluorescence detection 895(2000)156

Determination of biologically active low-molecular-mass thiols in human blood. II. High-performance capillary electrophoresis with photometric detection 895(2000)167

Assays for total homocysteine and other thiols by capillary electrophoresis-laser-induced fluorescence detection. I. Preanalytical condition studies 895(2000)173

**Derivatization, electrophoresis**

Capillary Electrophoresis analysis of gentamicin sulphate with UV detection after pre-capillary derivatization with 1,2-phthalic dicarboxaldehyde and mercaptoacetic acid 895(2000)67

Methyl- $\beta$ -cyclodextrin modified micellar electrokinetic capillary chromatography with laser-induced fluorescence for separation and detection of phospholipids 894(2000)129

Rapid analysis of covalently and non-covalently fluorophore-labeled proteins using ultra-thin-layer sodium dodecylsulfate gel electrophoresis 894(2000)329

Analysis of carnitine and acylcarnitines in urine by capillary electrophoresis 895(2000)309

**Derivatization electrophoresis, Chiral selectors**

Enantioseparation of anionic analytes by non-aqueous capillary electrophoresis using quinine and quinidine derivatives as chiral counter-ions 894(2000)63

**Detection, electrophoresis**

Direct determination of amino acids and carbohydrates by high-performance capillary electrophoresis with refractometric detection 894(2000)253

Rapid analysis of covalently and non-covalently fluorophore-labeled proteins using ultra-thin-layer sodium dodecylsulfate gel electrophoresis 894(2000)329

Capillary electrophoresis with laser-induced fluorescence in clinical drug development. Routine application and future aspects 895(2000)147

Specific thiol determination by micellar electrokinetic chromatography and on-column detection reaction with 2,2'-dipyridyldisulfide 895(2000)179

Determination of aromatic amines in water samples by capillary electrophoresis with electrochemical and fluorescence detection 895(2000)197

Non-aqueous capillary electrophoresis of tamoxifen and its acid hydrolysis products 895(2000)81

#### Diamines

Novel, trifunctional diamine for silica coating in capillary zone electrophoresis 894(2000)53

#### Diaminobenzidine tetrahydrochloride

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

#### Diastereomer separation

Chiral determination of amino acids by capillary electrophoresis and laser-induced fluorescence at picomolar concentrations 894(2000)259

#### Didanosine

Determination at ppb level of an anti-human immunodeficiency virus nucleoside drug by capillary electrophoresis-electrospray ionization tandem mass spectrometry 895(2000)101

#### Didexyadenosine-5'-triphosphate

Determination at ppb level of an anti-human immunodeficiency virus nucleoside drug by capillary electrophoresis-electrospray ionization tandem mass spectrometry 895(2000)101

#### Dihydrocodeine

Analysis of codeine, dihydrocodeine and their glucuronides in human urine by electrokinetic capillary immunoassays and capillary electrophoresis-ion trap mass spectrometry 895(2000)133

#### Dihydroxyadenine

Determination of purines including 2,8-dihydroxyadenine in urine using capillary electrophoresis 894(2000)157

#### 2,2'-Dipyridyldisulfide

Specific thiol determination by micellar electrokinetic chromatography and on-column detection reaction with 2,2'-dipyridyldisulfide 895(2000)179

#### DNA

Integrated electroosmotically-driven on-line sample purification system for nanoliter DNA sequencing by capillary electrophoresis 894(2000)179

Rapid, parallel separations of D1S80 alleles in a plastic microchannel chip 894(2000)203

Effect of ionic strength, pH and polymer concentration on the separation of DNA fragments in the presence of electroosmotic flow 894(2000)219

Mobility and activation energy of single-stranded DNA in denaturing cross-linked polyacrylamide slab gels 894(2000)231

Single-strand conformation polymorphism analysis to detect the p53 mutation in colon tumor samples by capillary electrophoresis 895(2000)171

#### Doxycycline

Analysis of doxycycline by capillary electrophoresis. Method development and validation 895(2000)43

#### D1S80 alleles

Rapid, parallel separations of D1S80 alleles in a plastic microchannel chip 894(2000)203

#### Dyes

Congophilicity (Congo red affinity) of different  $\beta_2$ -microglobulin conformations characterized by dye affinity capillary electrophoresis 894(2000)319

#### Ecstasy

Simultaneous analysis of some amphetamine derivatives in urine by nonaqueous capillary electrophoresis coupled to electrospray ionization mass spectrometry 895(2000)111

#### Efficiency

Life-time studies with capillary electrochromatography columns operated under different conditions 894(2000)35

#### Electrically assisted gradient elution

Comparative study of capillary electroendosmotic chromatography and electrically assisted gradient nano-liquid chromatography for the separation of peptides 894(2000)241

#### Electrochromatography

Comparison of separation selectivity in capillary electrokinetic chromatography using a cationic linear polymeric pseudo-stationary phase or monomeric additives of similar structure 894(2000)25

Life-time studies with capillary electrochromatography columns operated under different conditions 894(2000)35

Pressurized gradient capillary electrochromatographic separation of eighteen amino acid derivatives 894(2000)337

Effects of aliphatic amines on capillary electrochromatographic performance of tricyclic antidepressants on octadecylsilica 895(2000)17

Capillary electrochromatography and capillary electrochromatography-electrospray mass spectrometry for the separation of non-steroidal anti-inflammatory drugs 895(2000)123

**Electrokinetic chromatography**

Comparison of separation selectivity in capillary electrokinetic chromatography using a cationic linear polymeric pseudo-stationary phase or monomeric additives of similar structure 894(2000)25

Comparative study of capillary electroendosmotic chromatography and electrically assisted gradient nano-liquid chromatography for the separation of peptides 894(2000)241

Separation selectivity of anionic metal complexes of *N,N'*-bis(hydroxybenzyl)ethylenediamine-*N,N'*-diacetic acid in ion and ion electrokinetic chromatography 895(2000)255

**Electroosmotic flow**

Novel, trifunctional diamine for silica coating in capillary zone electrophoresis 894(2000)53

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

Effect of ionic strength, pH and polymer concentration on the separation of DNA fragments in the presence of electroosmotic flow 894(2000)219

**Electrophoretic mobility**

New method for standardization of electropherograms obtained in capillary zone electrophoresis 894(2000)11

Mobility and activation energy of single-stranded DNA in denaturing cross-linked polyacrylamide slab gels 894(2000)231

**Enantiomeric separation**

Enantioseparation of anionic analytes by non-aqueous capillary electrophoresis using quinine and quinidine derivatives as chiral counter-ions 894(2000)63

**Enantiomer separation**

Allylamine- $\beta$ -cyclodextrin copolymer. A novel chiral selector for capillary electrophoresis 894(2000)95

Chiral determination of amino acids by capillary electrophoresis and laser-induced fluorescence at picomolar concentrations 894(2000)259

Influence of the structure of cyclodextrins and amino acid sequence of dipeptides and tripeptides on the pH-dependent reversal of the migration order in capillary electrophoresis 894(2000)267

Chiral capillary electrophoresis as predictor for separation of drug enantiomers in continuous flow zone electrophoresis 895(2000)51

Determination of optical purity of phosphonic acid analogues of aromatic amino acids by capillary electrophoresis with  $\alpha$ -cyclodextrin 895(2000)301

**Enantiomer separation**

Capillary electrophoretic separation of the enantiomers of organophosphates with a phosphorus stereogenic center using the sodium salt of octakis(2,3-diacyl-6-sulfo)- $\gamma$ -cyclodextrin as resolving agent 895(2000)247

**Environmental analysis**

Determination of aromatic amines in water samples by capillary electrophoresis with electrochemical and fluorescence detection 895(2000)197

Simultaneous determination of alkali, alkaline earth and transition metal ions by capillary electrophoresis with indirect UV detection 895(2000)205

Separation of two groups of oestrogen mimicking compounds using micellar electrokinetic chromatography 895(2000)237

**Enzymes**

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

Determination of haloalkane dehalogenase activity by capillary zone electrophoresis 895(2000)219

**Estrogens**

Separation of two groups of oestrogen mimicking compounds using micellar electrokinetic chromatography 895(2000)237

**Experimental design**

Capillary Electrophoresis analysis of gentamicin sulphate with UV detection after pre-capillary derivatization with 1,2-phthalic dicarboxaldehyde and mercaptoacetic acid 895(2000)67

**Extraction methods**

Integration of a microextraction system. Solvent extraction of a Co-2-nitroso-5-dimethylaminophenol complex on a microchip 894(2000)19

**Fatty acid hydroperoxides**

Simultaneous micellar electrokinetic chromatographic determination of isomeric fatty acid hydroperoxides and corresponding hydroxy fatty acids 894(2000)145

**Fatty acids**

Development and validation of a capillary electrophoresis method for the measurement of short-chain organic acids in natural rubber latex 894(2000)135

Simultaneous micellar electrokinetic chromatographic determination of isomeric fatty acid hydroperoxides and corresponding hydroxy fatty acids 894(2000)145

**Field enhanced sample injection**

Standardization of capillary zone electropherograms obtained by using field enhanced sample stacking 894(2000)3

**Flavonoids**

Analysis of enzymatically glucosylated flavonoids by capillary electrophoresis 895(2000)279

**Fluorescence detection**

Rapid analysis of covalently and non-covalently fluorophore-labeled proteins using ultra-thin-layer sodium dodecylsulfate gel electrophoresis 894(2000)329

**Food analysis**

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

**Furoylquinolinecarboxaldehyde**

Methyl- $\beta$ -cyclodextrin modified micellar electrokinetic capillary chromatography with laser-induced fluorescence for separation and detection of phospholipids 894(2000)129

**Gentamicin sulfate**

Capillary Electrophoresis analysis of gentamicin sulphate with UV detection after pre-capillary derivatization with 1,2-phthalic dicarboxaldehyde and mercaptoacetic acid 895(2000)67

**Globulins**

Congophilicity (Congo red affinity) of different  $\beta_2$ -microglobulin conformations characterized by dye affinity capillary electrophoresis 894(2000)319

Sodium dodecylsulfate capillary gel electrophoretic measurement of the concentration ratios of albumin and  $\alpha_2$ -macroglobulin in cerebrospinal fluid and serum of patients with neurological disorders 895(2000)339

**Glucuronides**

Analysis of codeine, dihydrocodeine and their glucuronides in human urine by electrokinetic capillary immunoassays and capillary electrophoresis-ion trap mass spectrometry 895(2000)133

**Glutathione**

Determination of biologically active low-molecular-mass thiols in human blood. I. Fast qualitative and quantitative, gradient and isocratic reversed-phase high-performance liquid chromatography with photometric and fluorescence detection 895(2000)156

Determination of biologically active low-molecular-mass thiols in human blood. II. High-performance capillary electrophoresis with photometric detection 895(2000)167

Assays for total homocysteine and other thiols by capillary electrophoresis-laser-induced fluorescence detection. I. Preanalytical condition studies 895(2000)173

Specific thiol determination by micellar electrokinetic chromatography and on-column detection reaction with 2,2'-dipyridyldisulfide 895(2000)179

**Glycosides**

Analysis of enzymatically glucosylated flavonoids by capillary electrophoresis 895(2000)279

**Gradient elution**

Comparative study of capillary electroendosmotic chromatography and electrically assisted gradient nano-liquid chromatography for the separation of peptides 894(2000)241

Pressurized gradient capillary electrochromatographic separation of eighteen amino acid derivatives 894(2000)337

**Haloalkane dehalogenase**

Determination of haloalkane dehalogenase activity by capillary zone electrophoresis 895(2000)219

**Haloalkanes**

Determination of haloalkane dehalogenase activity by capillary zone electrophoresis 895(2000)219

**Homocysteine**

Determination of biologically active low-molecular-mass thiols in human blood. I. Fast qualitative and quantitative, gradient and isocratic reversed-phase high-performance liquid chromatography with photometric and fluorescence detection 895(2000)156

Determination of biologically active low-molecular-mass thiols in human blood. II. High-performance capillary electrophoresis with photometric detection 895(2000)167

Assays for total homocysteine and other thiols by capillary electrophoresis-laser-induced fluorescence detection. I. Preanalytical condition studies 895(2000)173

**Humic acids**

Highly reproducible capillary zone electrophoresis of humic acids in cyclodextrin- or oligosaccharide-modified background electrolytes 895(2000)345

**Hydrogels**

Determination of morphine by capillary electrophoresis immunoassay in thermally reversible hydrogel-modified buffer and laser-induced fluorescence detection 895(2000)1

**Hydrogen peroxide**

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

**Hydrolysis**

Determination of urinary catecholamines with capillary electrophoresis after solid-phase extraction 895(2000)317

**Hydroxyethylcellulose**

Quantitation of protein binding to the capillary wall in acidic, isoelectric buffers and means for minimizing the phenomenon 894(2000)273

**Hydroxy fatty acids**

Simultaneous micellar electrokinetic chromatographic determination of isomeric fatty acid hydroperoxides and corresponding hydroxy fatty acids 894(2000)145

**Hydroxypropylcellulose**

Separation of proteins by sodium dodecylsulfate capillary electrophoresis in hydroxypropylcellulose sieving matrix with laser-induced fluorescence detection 894(2000)291

**Immunoassay**

Analysis of codeine, dihydrocodeine and their glucuronides in human urine by electrokinetic capillary immunoassays and capillary electrophoresis-ion trap mass spectrometry 895(2000)133

**Immunoassays**

Determination of morphine by capillary electrophoresis immunoassay in thermally reversible hydrogel-modified buffer and laser-induced fluorescence detection 895(2000)1

**Inorganic anions**

Capillary zone electrophoresis in phosphate buffer – known or unknown? 894(2000)89

Determination of soluble anions and cations from waters of pulp and paper mills with on-line coupled capillary electrophoresis 895(2000)189

Simultaneous determination of inorganic anions and cations by capillary electrophoresis with indirect UV detection 895(2000)269

**Inorganic cations**

Capillary zone electrophoresis in phosphate buffer – known or unknown? 894(2000)89

Determination of soluble anions and cations from waters of pulp and paper mills with on-line coupled capillary electrophoresis 895(2000)189

Simultaneous determination of inorganic anions and cations by capillary electrophoresis with indirect UV detection 895(2000)269

**Iodoacetamidofluorescein**

Assays for total homocysteine and other thiols by capillary electrophoresis-laser-induced fluorescence detection. I. Preanalytical condition studies 895(2000)173

**Instrumentation**

Integration of a microextraction system. Solvent extraction of a Co-2-nitroso-5-dimethylaminophenol complex on a microchip 894(2000)19

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

Integrated electroosmotically-driven on-line sample purification system for nanoliter DNA sequencing by capillary electrophoresis 894(2000)179

Rapid, parallel separations of D1S80 alleles in a plastic microchannel chip 894(2000)203

**Ion electrokinetic chromatography**

Separation selectivity of anionic metal complexes of *N,N'*-bis(hydroxybenzyl)ethylenediamine-*N,N'*-diacetic acid in ion and ion electrokinetic chromatography 895(2000)255

**Ionic strength**

Effect of ionic strength, pH and polymer concentration on the separation of DNA fragments in the presence of electroosmotic flow 894(2000)219

**Ion-pairing reagents**

Capillary electrophoresis of seed 2S albumins from *Lupinus* species 894(2000)297

**Isotachophoresis**

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

**Isovaline**

Chiral determination of amino acids by capillary electrophoresis and laser-induced fluorescence at picomolar concentrations 894(2000)259

**Kohlrausch function**

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

**Lanthanides**

Separation and direct UV detection of lanthanides complexed with cupferron by capillary electrophoresis 895(2000)263

**Latex**

Development and validation of a capillary electrophoresis method for the measurement of short-chain organic acids in natural rubber latex 894(2000)135

**Lipids**

Methyl- $\beta$ -cyclodextrin modified micellar electrokinetic capillary chromatography with laser-induced fluorescence for separation and detection of phospholipids 894(2000)129

**Lupinus spp**

Capillary electrophoresis of seed 2S albumins from *Lupinus* species 894(2000)297

**Macroglobulin**

Sodium dodecylsulfate capillary gel electrophoretic measurement of the concentration ratios of albumin and  $\alpha_2$ -macroglobulin in cerebrospinal fluid and serum of patients with neurological disorders 895(2000)339

**Mass spectrometry**

The impact of buffers and surfactants from micellar electrokinetic chromatography on matrix-assisted laser desorption ionization (MALDI) mass spectrometry of peptides. Effect of buffer type and concentration on mass determination by MALDI-time-of-flight mass spectrometry 894(2000)345

Determination at ppb level of an anti-human immunodeficiency virus nucleoside drug by capillary electrophoresis-electrospray ionization tandem mass spectrometry 895(2000)101

Simultaneous analysis of some amphetamine derivatives in urine by nonaqueous capillary electrophoresis coupled to electrospray ionization mass spectrometry 895(2000)111

#### **Matrix-assisted laser desorption/ionization mass spectrometry**

The impact of buffers and surfactants from micellar electrokinetic chromatography on matrix-assisted laser desorption ionization (MALDI) mass spectrometry of peptides. Effect of buffer type and concentration on mass determination by MALDI-time-of-flight mass spectrometry 894(2000)345

#### **Metal cations**

Standardization of capillary zone electropherograms obtained by using field enhanced sample stacking 894(2000)3

Simultaneous determination of alkali, alkaline earth and transition metal ions by capillary electrophoresis with indirect UV detection 895(2000)205

#### **Metal chelates**

Separation selectivity of anionic metal complexes of *N,N'*-bis(hydroxybenzyl)ethylenediamine-*N,N'*-diacetic acid in ion and ion electrokinetic chromatography 895(2000)255

#### **Metal complexes**

Integration of a microextraction system. Solvent extraction of a Co-2-nitroso-5-dimethylaminophenol complex on a microchip 894(2000)19

Separation and direct UV detection of lanthanides complexed with cupferron by capillary electrophoresis 895(2000)263

#### **Methadone**

Chiral capillary electrophoresis as predictor for separation of drug enantiomers in continuous flow zone electrophoresis 895(2000)51

#### **Method development**

Analysis of 2 $\beta$ -carbomethoxy-3 $\beta$ -(4-fluorophenyl)-*N*-(3-iodo-*E*-allyl)nortropane in rat plasma. I. Method development and validation by capillary electrophoresis 895(2000)87

#### **(Methyliodobutyl)methylpiperazine**

Quantitation of protein binding to the capillary wall in acidic, isoelectric buffers and means for minimizing the phenomenon 894(2000)273

#### **(*N*-Methyliodobutyl)-*N'*-methylpiperazine**

Novel, trifunctional diamine for silica coating in capillary zone electrophoresis 894(2000)53

#### **Micellar electrokinetic chromatography**

The impact of buffers and surfactants from micellar electrokinetic chromatography on matrix-assisted laser desorption ionization (MALDI) mass spectrometry of peptides. Effect of buffer type and concentration on mass determination by MALDI-time-of-flight mass spectrometry 894(2000)345

#### **Microchannels**

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

Rapid, parallel separations of D1S80 alleles in a plastic microchannel chip 894(2000)203

#### **Microchips**

Integration of a microextraction system. Solvent extraction of a Co-2-nitroso-5-dimethylaminophenol complex on a microchip 894(2000)19

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

Rapid, parallel separations of D1S80 alleles in a plastic microchannel chip 894(2000)203

#### **Migration time**

New method for standardization of electropherograms obtained in capillary zone electrophoresis 894(2000)11

#### **Mixed-mode chromatography**

Comparative study of capillary electroendosmotic chromatography and electrically assisted gradient nano-liquid chromatography for the separation of peptides 894(2000)241

#### **Mobile phase composition**

Effects of aliphatic amines on capillary electrochromatographic performance of tricyclic antidepressants on octadecylsilica 895(2000)17

#### **Molecular mass**

Characterization of synthetic polyelectrolytes by capillary electrophoresis 894(2000)105

#### **Microglobulins**

Congophilicity (Congo red affinity) of different  $\beta_2$ -microglobulin conformations characterized by dye affinity capillary electrophoresis 894(2000)319

#### **Mildronate**

Analysis of carnitine and acylcarnitines in urine by capillary electrophoresis 895(2000)309

#### **Monobromobimane**

Determination of biologically active low-molecular-mass thiols in human blood. I. Fast qualitative and quantitative, gradient and isocratic reversed-phase high-performance liquid chromatography with photometric and fluorescence detection 895(2000)156

Determination of biologically active low-molecular-mass thiols in human blood. II. High-performance capillary electrophoresis with photometric detection 895(2000)167

#### Morphine

Determination of morphine by capillary electrophoresis immunoassay in thermally reversible hydrogel-modified buffer and laser-induced fluorescence detection 895(2000)1

Micellar electrokinetic and high-performance liquid chromatographic determination of potential manufacturing impurities in pholcodine 895(2000)9

#### Nicotinamide

Analysis of 2 $\beta$ -carbomethoxy-3 $\beta$ -(4-fluorophenyl)-*N*-(3-iodo-*E*-allyl)nortropane. I. Method development and validation by capillary electrophoresis 895(2000)87

#### Nitrosodimethylaminophenol

Integration of a microextraction system. Solvent extraction of a Co-2-nitroso-5-dimethylaminophenol complex on a microchip 894(2000)19

#### Nonaqueous capillary electrophoresis

Simultaneous analysis of some amphetamine derivatives in urine by nonaqueous capillary electrophoresis coupled to electrospray ionization mass spectrometry 895(2000)111

#### Non-aqueous capillary electrophoresis

Enantioseparation of anionic analytes by non-aqueous capillary electrophoresis using quinine and quinidine derivatives as chiral counter-ions 894(2000)63

Non-aqueous capillary electrophoresis of tamoxifen and its acid hydrolysis products 895(2000)81

#### Non-steroidal anti-inflammatory drugs

Capillary electrochromatography and capillary electrochromatography-electrospray mass spectrometry for the separation of non-steroidal anti-inflammatory drugs 895(2000)123

#### Nucleosides

Determination at ppb level of an anti-human immunodeficiency virus nucleoside drug by capillary electrophoresis-electrospray ionization tandem mass spectrometry 895(2000)101

#### Oligosaccharides

Highly reproducible capillary zone electrophoresis of humic acids in cyclodextrin- or oligosaccharide-modified background electrolytes 895(2000)345

#### Oligourethanes

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

#### Opioids

Analysis of codeine, dihydrocodeine and their glucuronides in human urine by electrokinetic capillary immunoassays and capillary electrophoresis-ion trap mass spectrometry 895(2000)133

#### Organic acids

Novel, trifunctional diamine for silica coating in capillary zone electrophoresis 894(2000)53

Capillary zone electrophoresis in phosphate buffer – known or unknown? 894(2000)89

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

Development and validation of a capillary electrophoresis method for the measurement of short-chain organic acids in natural rubber latex 894(2000)135

Simultaneous determination of inorganic anions and cations by capillary electrophoresis with indirect UV detection 895(2000)269

#### Organophosphorous compounds

Capillary electrophoretic separation of the enantiomers of organophosphates with a phosphorus stereogenic center using the sodium salt of octakis(2,3-diacetyl-6-sulfo)- $\gamma$ -cyclodextrin as resolving agent 895(2000)247

#### Paper

Determination of soluble anions and cations from waters of pulp and paper mills with on-line coupled capillary electrophoresis 895(2000)189

#### Particle analysis

Capillary zone electrophoresis of a recombinant adenovirus 895(2000)329

#### Peak shape

Capillary zone electrophoresis in phosphate buffer – known or unknown? 894(2000)89

#### Peak symmetry

Life-time studies with capillary electrochromatography columns operated under different conditions 894(2000)35

#### Peptides

Comparative study of capillary electroendosmotic chromatography and electrically assisted gradient nano-liquid chromatography for the separation of peptides 894(2000)241

Influence of the structure of cyclodextrins and amino acid sequence of dipeptides and tripeptides on the pH-dependent reversal of the migration order in capillary electrophoresis 894(2000)267

The impact of buffers and surfactants from micellar electrokinetic chromatography on matrix-assisted laser desorption ionization (MALDI) mass spectrometry of peptides. Effect of buffer type and concentration on mass determination by MALDI-time-of-flight mass spectrometry 894(2000)345

Capillary electrophoresis and off-line capillary electrophoresis-electrospray ionization quadrupole time-of-flight tandem mass spectrometry of carbohydrates 895(2000)291

#### **Peroxidase**

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

#### **Pharmaceutical analysis**

Effects of aliphatic amines on capillary electrochromatographic performance of tricyclic antidepressants on octadecylsilica 895(2000)17

Adaptation of capillary electrophoresis to the determination of selected cephalosporins for injection 895(2000)27

Determination at ppb level of an anti-human immunodeficiency virus nucleoside drug by capillary electrophoresis-electrospray ionization tandem mass spectrometry 895(2000)101

Capillary electrophoresis with laser-induced fluorescence in clinical drug development. Routine application and future aspects 895(2000)147

#### **pH effects**

Effect of ionic strength, pH and polymer concentration on the separation of DNA fragments in the presence of electroosmotic flow 894(2000)219

Influence of the structure of cyclodextrins and amino acid sequence of dipeptides and tripeptides on the pH-dependent reversal of the migration order in capillary electrophoresis 894(2000)267

#### **Phenols**

Separation of bisphenol A and three alkylphenols by micellar electrokinetic chromatography 895(2000)213

Separation of two groups of oestrogen mimicking compounds using micellar electrokinetic chromatography 895(2000)237

#### **Phenylacetic acid**

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

#### **Phenylborate**

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

#### **Pholcodine**

Micellar electrokinetic and high-performance liquid chromatographic determination of potential manufacturing impurities in pholcodine 895(2000)9

#### **Phosphate buffers**

Capillary zone electrophoresis in phosphate buffer - known or unknown? 894(2000)89

#### **Phosphates**

Capillary electrophoretic separation of the enantiomers of organophosphates with a phosphorus stereogenic center using the sodium salt of octakis(2,3-diacetyl-6-sulfo)- $\gamma$ -cyclodextrin as resolving agent 895(2000)247

#### **Phosphinic acids**

Determination of optical purity of phosphinic acid analogues of aromatic amino acids by capillary electrophoresis with  $\alpha$ -cyclodextrin 895(2000)301

#### **Phospholipids**

Methyl- $\beta$ -cyclodextrin modified micellar electrokinetic capillary chromatography with laser-induced fluorescence for separation and detection of phospholipids 894(2000)129

#### **Phosphonic acids**

Determination of optical purity of phosphonic acid analogues of aromatic amino acids by capillary electrophoresis with  $\alpha$ -cyclodextrin 895(2000)301

#### **Piperazines**

Novel, trifunctional diamine for silica coating in capillary zone electrophoresis 894(2000)53

#### **Polyacrylamide gels**

Mobility and activation energy of single-stranded DNA in denaturing cross-linked polyacrylamide slab gels 894(2000)231

#### **Polybetaines**

Characterization of synthetic polyelectrolytes by capillary electrophoresis 894(2000)105

#### **Polyelectrolytes**

Characterization of synthetic polyelectrolytes by capillary electrophoresis 894(2000)105

#### **Poly(ethylene oxide)**

Effect of ionic strength, pH and polymer concentration on the separation of DNA fragments in the presence of electroosmotic flow 894(2000)219

#### **Polymers**

Characterization of synthetic polyelectrolytes by capillary electrophoresis 894(2000)105

#### **Polysaccharides**

Determination of free carrier protein in protein-polysaccharide conjugate vaccines by micellar electrokinetic chromatography 894(2000)311

#### **Polyvinylpyridines**

Characterization of synthetic polyelectrolytes by capillary electrophoresis 894(2000)105

**Preparative electrophoresis**

Chiral capillary electrophoresis as predictor for separation of drug enantiomers in continuous flow zone electrophoresis 895(2000)51

**Pressurized gradient electrochromatography**

Pressurized gradient capillary electrochromatographic separation of eighteen amino acid derivatives 894(2000)337

**Process control**

Determination of soluble anions and cations from waters of pulp and paper mills with on-line coupled capillary electrophoresis 895(2000)189

**Proteins**

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

Quantitation of protein binding to the capillary wall in acidic, isoelectric buffers and means for minimizing the phenomenon 894(2000)273

Quantitative studies on the adsorption of proteins to the bare silica wall in capillary electrophoresis. III: Effects of adsorbed surfactants on quenching the interaction 894(2000)281

Separation of proteins by sodium dodecylsulfate capillary electrophoresis in hydroxypropylcellulose sieving matrix with laser-induced fluorescence detection 894(2000)291

Capillary electrophoresis of seed 2S albumins from *Lupinus* species 894(2000)297

Determination of free carrier protein in protein-polysaccharide conjugate vaccines by micellar electrokinetic chromatography 894(2000)311

Congophilicity (Congo red affinity) of different  $\beta_2$ -microglobulin conformations characterized by dye affinity capillary electrophoresis 894(2000)319

Rapid analysis of covalently and non-covalently fluorophore-labeled proteins using ultra-thin-layer sodium dodecylsulfate gel electrophoresis 894(2000)329

Sodium dodecylsulfate capillary gel electrophoretic measurement of the concentration ratios of albumin and  $\alpha_2$ -macroglobulin in cerebrospinal fluid and serum of patients with neurological disorders 895(2000)339

**Pseudo-stationary phases**

Comparison of separation selectivity in capillary electrokinetic chromatography using a cationic linear polymeric pseudo-stationary phase or monomeric additives of similar structure 894(2000)25

**Purines**

Determination of purines including 2,8-dihydroxyadenine in urine using capillary electrophoresis 894(2000)157

**Rare earth ions**

Separation and direct UV detection of lanthanides complexed with cupferron by capillary electrophoresis 895(2000)263

**Refractive index detection**

Direct determination of amino acids and carbohydrates by high-performance capillary electrophoresis with refractometric detection 894(2000)253

**Retention factors**

Life-time studies with capillary electrochromatography columns operated under different conditions 894(2000)35

**Rubber**

Development and validation of a capillary electrophoresis method for the measurement of short-chain organic acids in natural rubber latex 894(2000)135

**Sample handling**

Integrated electroosmotically-driven on-line sample purification system for nanoliter DNA sequencing by capillary electrophoresis 894(2000)179

**Sample stacking**

Standardization of capillary zone electropherograms obtained by using field enhanced sample stacking 894(2000)3

**Selectivity**

Comparison of separation selectivity in capillary electrokinetic chromatography using a cationic linear polymeric pseudo-stationary phase or monomeric additives of similar structure 894(2000)25

Characterization of synthetic polyelectrolytes by capillary electrophoresis 894(2000)105

Separation selectivity of anionic metal complexes of *N,N'*-bis(hydroxybenzyl)ethylenediamine-*N,N'*-diacetic acid in ion and ion electrokinetic chromatography 895(2000)255

**Silica**

Novel, trifunctional diamine for silica coating in capillary zone electrophoresis 894(2000)53

**Single-strand conformation polymorphism analysis**

Single-strand conformation polymorphism analysis to detect the p53 mutation in colon tumor samples by capillary electrophoresis 895(2000)171

**Sodium dodecylsulfate**

Separation of proteins by sodium dodecylsulfate capillary electrophoresis in hydroxypropylcellulose sieving matrix with laser-induced fluorescence detection 894(2000)291

**Sodium dodecylsulfate**

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

**Sodium dodecylsulfate capillary electrophoresis**

Separation of proteins by sodium dodecylsulfate capillary electrophoresis in hydroxypropylcellulose sieving matrix with laser-induced fluorescence detection 894(2000)291

**Sodium dodecylsulfate gel electrophoresis**

Rapid analysis of covalently and non-covalently fluorophore-labeled proteins using ultra-thin-layer sodium dodecylsulfate gel electrophoresis 894(2000)329

**Standardization**

Standardization of capillary zone electropherograms obtained by using field enhanced sample stacking 894(2000)3

**Sulfur compounds**

Specific thiol determination by micellar electrokinetic chromatography and on-column detection reaction with 2,2'-dipyridyldisulfide 895(2000)179

**Surface composition**

Unexpected surface chemistry in capillaries for electrophoresis 894(2000)73

**Surface treatment**

Moderation of the electroosmotic flow in capillary electrophoresis by chemical modification of the capillary surface with tentacle-like oligourethanes 894(2000)79

**Surfactants**

Chiral determination of amino acids by capillary electrophoresis and laser-induced fluorescence at picomolar concentrations 894(2000)259

Quantitative studies on the adsorption of proteins to the bare silica wall in capillary electrophoresis. III: Effects of adsorbed surfactants on quenching the interaction 894(2000)281

The impact of buffers and surfactants from micellar electrokinetic chromatography on matrix-assisted laser desorption ionization (MALDI) mass spectrometry of peptides. Effect of buffer type and concentration on mass determination by MALDI-time-of-flight mass spectrometry 894(2000)345

**Tamoxifen**

Non-aqueous capillary electrophoresis of tamoxifen and its acid hydrolysis products 895(2000)81

**Tetraethylenepentamine**

Quantitation of protein binding to the capillary wall in acidic, isoelectric buffers and means for minimizing the phenomenon 894(2000)273

**Tetramethylrhodamine**

Effects of amine modifiers on the separation of tetramethylrhodamine-labeled mono- and oligosaccharides by capillary zone electrophoresis 895(2000)285

**Thermal lens detection**

Non-contact photothermal control of enzyme reactions on a microchip by using a compact diode laser 894(2000)45

**Thermal lens microscopy**

Integration of a microextraction system. Solvent extraction of a Co-2-nitroso-5-dimethylaminophenol complex on a microchip 894(2000)19

**Thermooptical absorbance detection**

Non-aqueous capillary electrophoresis of tamoxifen and its acid hydrolysis products 895(2000)81

**Three-dimensional capillary electrophoresis**

Novel three-dimensional capillary electrophoresis system for complex and trace analysis 894(2000)117

**Thiols**

Determination of biologically active low-molecular-mass thiols in human blood. I. Fast qualitative and quantitative, gradient and isocratic reversed-phase high-performance liquid chromatography with photometric and fluorescence detection 895(2000)156

Determination of biologically active low-molecular-mass thiols in human blood. II. High-performance capillary electrophoresis with photometric detection 895(2000)167

Assays for total homocysteine and other thiols by capillary electrophoresis-laser-induced fluorescence detection. I. Preanalytical condition studies 895(2000)173

Specific thiol determination by micellar electrokinetic chromatography and on-column detection reaction with 2,2'-dipyridyldisulfide 895(2000)179

**Tramadol**

Capillary electrophoresis with laser-induced fluorescence in clinical drug development. Routine application and future aspects 895(2000)147

**Trichosanthin**

Capillary electrophoretic determination of apoptosis of HeLa cells induced by trichosanthin 894(2000)165

**Trimethylhydrazinium propionate**

Analysis of carnitine and acylcarnitines in urine by capillary electrophoresis 895(2000)309

**Tris**

Standardization of capillary zone electropherograms obtained by using field enhanced sample stacking 894(2000)3

**Ultra-thin-layer sodium dodecylsulfate gel electrophoresis**

Rapid analysis of covalently and non-covalently fluorophore-labeled proteins using ultra-thin-layer sodium dodecylsulfate gel electrophoresis 894(2000)329

**Vaccines**

Determination of free carrier protein in protein-polysaccharide conjugate vaccines by micellar electrokinetic chromatography 894(2000)311

**Validation**

Development and validation of a capillary electrophoresis method for the measurement of short-chain organic acids in natural rubber latex 894(2000)135

Micellar electrokinetic and high-performance liquid chromatographic determination of potential manufacturing impurities in pholcodine 895(2000)9

Analysis of doxycycline by capillary electrophoresis. Method development and validation 895(2000)43

Analysis of  $2\beta$ -carbomethoxy- $3\beta$ -(4-fluorophenyl)-*N*-(3-iodo-*E*-allyl)nortropane. I. Method development and validation by capillary electrophoresis 895(2000)87

**Water analysis**

Determination of soluble anions and cations from waters of pulp and paper mills with on-line coupled capillary electrophoresis 895(2000)189

Determination of aromatic amines in water samples by capillary electrophoresis with electrochemical and fluorescence detection 895(2000)197

Simultaneous determination of alkali, alkaline earth and transition metal ions by capillary electrophoresis with indirect UV detection 895(2000)205

Separation of two groups of oestrogen mimicking compounds using micellar electrokinetic chromatography 895(2000)237

**X-ray photoelectron spectrometry**

Unexpected surface chemistry in capillaries for electrophoresis 894(2000)73