

CHROMATOGRAPHIA

# Contents

## Supplement Vol. 66, 2007

### Supplement Editors:

S. A. Özkan, Ankara, Turkey  
H. Lingeman, Amsterdam, The Netherlands

### Editorial

Chromatography in Turkey S1

### Review

#### Column Liquid Chromatography

LC with Electrochemical Detection. Recent Application to Pharmaceuticals and Biological Fluids S3  
S. A. Özkan

### Originals

#### Column Liquid Chromatography

Simultaneous Separation and Determination of Seven Quinolones Using HPLC: Analysis of Levofloxacin and Moxifloxacin in Plasma and Amniotic Fluid S15  
E. Nemutlu, S. Kır, Ö. Özyüncü, M. S. Beksaç

Simultaneous Determination of Abacavir, Efavirenz and Valganciclovir in Human Serum Samples by Isocratic HPLC-DAD Detection S25  
B. Dogan-Topal, S. A. Özkan, B. Uslu

Determination of Carbamazepine and Its Main Metabolite Carbamazepine-10, 11-Epoxy in Rat Brain Microdialysate and Blood Using ESI-LC-MS (Ion Trap) S31  
E. Sener, O. T. Korkmaz, D. Yeniceci, D. Dogrukol-Ak, M. Tuncel, N. Tuncel

A Validated HPLC Method with Fluorescence Detection for the Determination of Droperidol in Pharmaceutical Tablets, Human Serum, and Human Milk S37  
D. Yeniceci, D. Dogrukol-Ak, M. Tuncel

Isocratic Reverse-Phase HPLC for Determination of Organic Acids in Kargı Tulum Cheese S45  
N. Dinkci, A. S. Akahn, S. Gönc, G. Ünal

Development and Validation of an HPLC-UV-Vis Method for the Determination of Proparacaine in Human Aqueous Humour S51  
A. Dincel, N. E. Basci, H. Atilla, A. Bozkurt

Development and Validation of a Stability-Indicating HPLC Method for Determination of Ciprofloxacin Hydrochloride and Its Related Compounds in Film-Coated Tablets S57  
B. Aksoy, İ. Küçükgül, S. Rollas

#### Capillary Zone Electrophoresis

Determination of Rosuvastatin in Pharmaceutical Formulations by Capillary Zone Electrophoresis S65  
İ. Süslü, M. Çelebier, S. Altınöz

#### Erratum

Determination of Rosuvastatin in Pharmaceutical Formulations by Capillary Zone Electrophoresis S73  
İ. Süslü, M. Çelebier, S. Altınöz

#### Flow Injection Analysis

Determination of Citalopram Using Flow Injection-Solid Phase Extraction with Spectrofluorometric Detection S75  
E. Şatana, N. Ertas, N. G. Göger

### Full Short Communications

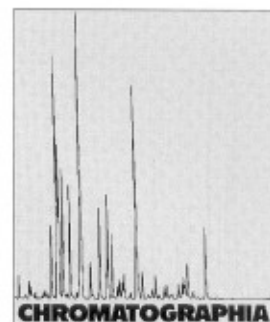
#### Column Liquid Chromatography

An Experimental Design Approach to Selecting the Optimum LC Conditions for the Determination of Local Anaesthetics S81  
A. Dincel, N. E. Basci

Simultaneous Determination of Ezetimibe and Simvastatin in Pharmaceutical Formulations by Dual-Mode Gradient LC S87  
N. Özalın, E. Uçaktürk

# Contents

## Supplement Vol. 66, 2007



	The Simultaneous Determination of Phenylephrine Hydrochloride, Paracetamol, Chlorpheniramine Maleate and Dextromethorphan Hydrobromide in Pharmaceutical Preparations <b>İ. M. Palabyık, F. Onur</b>	S93
	Development and Validation of an RP-HPLC Method for Determination of Valganciclovir in Human Serum and Tablets <b>B. Dogan-Topal, B. Uslu, S. A. Özkan</b>	S97
	A Selective LC Method for the Determination of Reboxetine in Human Plasma with Fluorescence Detection <b>A. Önal, A. Olcay Sağırli, S. Müge Çetin, S. Toker</b>	S103
	Quantitative Determination of Fexofenadine in Human Plasma by HPLC-MS <b>E. A. Ö. İşleyen, T. Özden, S. Özilhan, S. Toptan</b>	S109
	Analysis of Azithromycin in Human Plasma by LC-MS-MS <b>N. Yüzüak, T. Özden, S. Eren, S. Toptan</b>	S115
	Improved Ultra-Performance LC Determination of Indapamide in Human Plasma <b>Z. Ateş, T. Özden, S. Özilhan, S. Eren</b>	S119
	Simultaneous Determination of Carbamazepine and Its Active Metabolite Carbamazepine-10,11-epoxide in Human Plasma by UPLC <b>Z. Ateş, T. Özden, S. Özilhan, S. Toptan</b>	S123
	Simultaneous LC-MS-MS Determination of Zolmitriptan and Its Active Metabolite <i>N</i> -Desmethylzolmitriptan in Human Plasma <b>B. Kılıç, T. Özden, S. Toptan, S. Özilhan</b>	S129
	Determination of Ketorolac Tromethamine in Human Eye Samples by HPLC with Photo Diode-Array Detection <b>Ş. Demirean, F. Sayın, N. E. Bascı, N. Ünlü, S. Kır</b>	S135
	Determination of Ruscogenin in Turkish <i>Ruscus</i> L. Species by UPLC <b>A. Güvenç, E. Şatır, M. Coşkun</b>	S141
	Development and Validation of a LC Method for the Analysis of Phenolic Acids in Turkish <i>Salvia</i> Species <b>Y. Kan, A. Gökbulut, M. Kartal, B. Konuklugil, G. Yılmaz</b>	S147
	HPLC Quantification of Vitexine-2''- <i>O</i> -rhamnoside and Hyperoside in Three <i>Crataegus</i> Species and Their Antimicrobial and Antiviral Activities <b>I. Orhan, B. Özçelik, M. Kartal, B. Özdeveci, H. Duman</b>	S153
Capillary Zone Electrophoresis	Determination of Sotalolol in Tablets and Serum by CZE <b>D. Dogrukol-Ak, A. G. Dal, M. Tunçel</b>	S159
<b>Limited Short Communications</b>		
Column Liquid Chromatography	Determination of Glimepiride in Human Plasma by LC-MS-MS <b>N. Yüzüak, T. Özden, S. Eren, S. Özilhan</b>	S165
Gas Chromatography	Determination of Carbamazepine in Pharmaceutical Dosage Form Using GC-FID <b>Y. Kadioglu, F. Demirkaya</b>	S169
Author Index		A7
Keyword Index		A9