

Chromatographic Science

Contents

- LC Method for Determination of Rasagiline Mesylate in Different Plasma Matrices and its Application to Oral Pharmacokinetic Study in Rabbits**
P.R. Ravi, N. Aditya, L. Chierian and S. Patil 1
- Enantioseparation and Chiral Recognition of α -Cyclohexylmandelic Acid and Methyl α -Cyclohexylmandelate on Hydroxypropyl- β -Cyclodextrin as Chiral Selector: HPLC and Molecular Modeling**
J. Shi, Y. Su and W. Jiang 8
- Pharmacokinetic Studies of a Novel Multikinase Inhibitor for Treating Cancer by HPLC-UV**
X. Luo, S. Li, Y. Xie, J. He, J. Li, H. Lin, N. Wang, S. Yang, Y. Zhao, L. Yu and X. Song 17
- Quantitative Determination of Bioactive 4-Hydroxy- α -Tetralone, Tetralone-4-O- β -D-Glucopyranoside and Ellagic Acid in *Ammannia baccifera* (Linn.) by Reversed-Phase High-Performance Liquid Chromatography**
H.C. Upadhyay, R.K. Verma and S.K. Srivastava 21
- UPLC-MS-MS Method for Simultaneous Determination of Caffeine, Tolbutamide, Metoprolol, and Dapsone in Rat Plasma and its Application to Cytochrome P450 Activity Study in Rats**
Y. Liu, X. Li, C. Yang, S. Tai, X. Zhang and G. Liu 26
- Estrogenic Activities of Ten Medicinal Herbs from the Middle East**
I.A. Saeed, L. Ali, A. Jabeen, M. Khasawneh, T.A. Rizvi and S.S. Asbraf 33
- HPLC-Fluorescence Method for Measurement of the Uremic Toxin Indoxyl Sulfate in Plasma**
M. Al Za'abi, B. Ali and M. Al Toubi 40
- Liquid Chromatographic Determination of Roxithromycin: Application to Stability Studies**
M.E.K. Wabba 44
- Determination of Rosuvastatin at Picogram Level in Serum by Fluorimetric Derivatization with 9-Anthryldiazomethane using HPLC**
S. Caglar and S. Toker 53
- Determination of Zolmitriptan and its Primary Metabolite, *n*-Desmethyl-Zolmitriptan, in Rat Plasma by LC-MS-MS**
J. Liu and X. Zhou 59
- Determination of Fluorine, Chlorine and Bromine in Household Products by means of Oxygen Bomb Combustion and Ion Chromatography**
S. Zhang, T. Zhao, J. Wang, X. Qu, W. Chen and Y. Han ... 65
- A Quick, Optimized Method for Routine Analysis of Essential and *Trans*-Octadecenoic Acids in Edible Fats and Oils by GLC**
L.M. Rodríguez-Alcalá, M.V. Calvo and J. Fontecha 70
- Determination of Isoosendanin in Rat Plasma by Liquid Chromatography-Tandem Mass Spectrometry: Application to Pharmacokinetics Study**
Z. Deng, H. Zhong,, S. Liu, S. Cui, Y. Xie and Q. Yao 82
- Determination of Benazolin-Ethyl Residues in Soil and Rape Seed by SPE Clean-Up and GC with Electron Capture Detection**
X. Liu, T. Yang and J. Hu 87
- Capillary Electrophoresis Assay Method for Metoprolol and Hydrochlorothiazide in their Combined Dosage Form with Multivariate Optimization**
A.O. Alnajjar, A.M. Idris, M.V. Attimarad, A.M. Aldughbaish and R.E.E. Elgorasbe 92