

# Chromatographic Science

## Contents

<b>Development and Validation of a Stability-Indicating RP-UPLC Method for the Quantitative Analysis of Nabumetone in Tablet Dosage Form</b> <i>N. Sethi, A. Anand, K.K. Chandrul, G. Jain, and K.S. Srinivas</i> .....	<b>85</b>	<b>Quantification of Glutathione in Plasma Samples by HPLC Using 4-Fluoro-7-nitrobenzofuran as a Fluorescent Labeling Reagent</b> <i>X. Wang, D. Chi, D. Song, G. Su, L. Li, and L. Shao</i> .....	<b>119</b>
<b>On-line Sample Cleanup and Enrichment Chromatographic Technique for the Determination of Ambroxol in Human Serum</b> <i>S. Emara, M. Kamal, and M. Abdel Kawi</i> .....	<b>91</b>	<b>Development of Three End-Capped Para-Benzoyl Calix[4,6, or 8]arene Bonded Stationary Phases for HPLC</b> <i>K. Hu, A. Yu, J. Zhang, F. Wen, S. Liang, X. Zhao, B. Ye, Y. Wu, and S. Zhang</i> .....	<b>123</b>
<b>Determination of Vitamin E Isomers of Grape Seeds By High-Performance Liquid Chromatography–UV Detection</b> <i>M.E. Seker, A. Çelik, and K. Dost</i> .....	<b>97</b>	<b>Matrix Solid-Phase Dispersion Extraction of Sulfonamides from Blood</b> <i>Y. Zhang, X. Xu, H. Liu, Y. Zhai, Y. Sun, S. Sun, H. Zhang, A. Yu, and Y. Wang</i> .....	<b>131</b>
<b>Determination of Trace Vitamin C by Ion-Pair HPLC with UV Detection in Calcium Gluconate and Vitamin C Compound Oral Solution</b> <i>L. Hu, L. Li, Z. Luo, J. Yang, and W. Liu</i> .....	<b>102</b>	<b>Chemometric Study of Retention on Binary Stationary Phases in Gas Chromatography</b> <i>S. Bouzouane, M. Righezza, and A. Touabet</i> .....	<b>137</b>
<b>Simultaneous HPLC–UV Determination of Ketamine, Xylazine, and Midazolam in Canine Plasma</b> <i>P. Li, H. Han, X. Zhai, W. He, L. Sun, and J. Hou</i> .....	<b>108</b>	<b>Determination of Polychlorinated Biphenyls and Organochlorine Pesticides in Human Serum by Gas Chromatography with Micro-Electron Capture Detector</b> <i>L.-L. Cao, C.-H. Yan, X.-D. Yu, Y. Tian, X.-Y. Zou, D.-S. Lu, and X.-M. Shen</i> .....	<b>145</b>
<b>Validation of an LC Method to Determine Skin Retention Profile of Genistein from Nanoemulsions Incorporated in Hydrogels</b> <i>B.A. de Vargas, D.F. Argenta, G. Borghetti, L.S. Koester, V.L. Bassani, and H.F. Teixeira</i> .....	<b>114</b>	<b>Simultaneous Analysis of Biologically Active Pyridines in Pharmaceutical Formulations by Capillary Zone Electrophoresis</b> <i>N. Nuchtavorn and L. Suntornsuk</i> .....	<b>151</b>