



中国科学院出版基金资助出版

分析化学

FENXI HUAXUE

第 39 卷 第 5 期 2011 年 5 月



国家自然科学基金资助
Supported by NSFC

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* 联系人

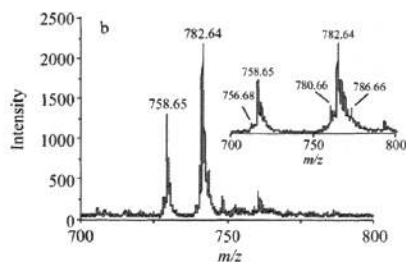
★ 该篇文章的英文电子版由 Elsevier 出版社在 ScienceDirect 上出版(<http://www.sciencedirect.com/science/journal/18722040>)

Scientific Papers

Matrix of 3,4- Diaminobenzophenone for Analysis of Phospholipids by Matrix-Assisted Laser Desorption/Ionization-Time of Flight-Mass Spectrometry

MIAO Nan, ZHANG Yu, ZHANG Jian-Ye, ZOU Han-Fa*

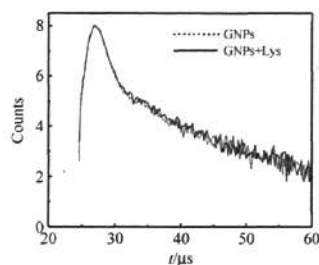
Chinese J. Anal. Chem., 2011, 39(5): 605-610



Fluorescence Enhancement Method for Determination of Lysozyme Using Fluorescent Gold Nanoparticles as Probe

QIAN Zhang-Sheng, LIU Mei-Gui, TIAN Da-Hui, HAO Dan, ZHU Chang-Qing*

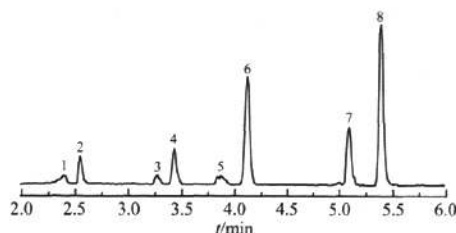
Chinese J. Anal. Chem., 2011, 39(5): 611-616



Simultaneous Determination of 2 Penicillins and Their 5 Major Metabolites in Bovine Muscle by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry

LIU Chuang-Ji, WANG Hai*, DU Zhen-Xia, JIANG Yan-Bin, SHAN Ji-Hao, CAI Ying-Hua

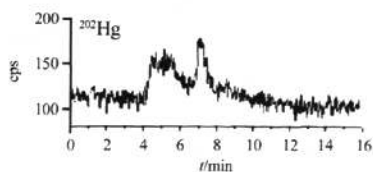
Chinese J. Anal. Chem., 2011, 39(5): 617-622



Analysis of Hydrophilic Mercury-Binding Proteins in Medaka (*Oryzias latipes*) Using High Performance Liquid Chromatography Coupled with Inductively Coupled Plasma-Mass Spectrometry

LI Lu, HE Bin*, JIANG Gui-Bin

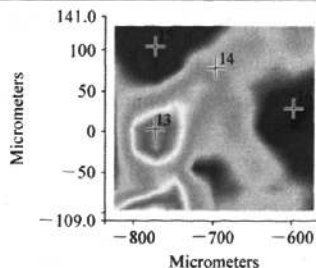
Chinese J. Anal. Chem., 2011, 39(5): 623-627



Research on Spatial Distribution and Composition Uniformity of Rukuaixiao Tablets Intermediate by Spectral Imaging

WU Zhi-Sheng, TAO Ou, CHENG Wei, YU Lu, SHI Xin-Yuan*, QIAO Yan-Jiang*

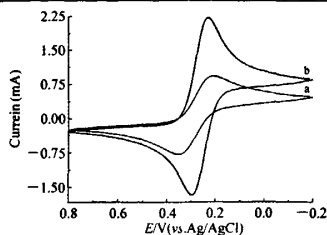
Chinese J. Anal. Chem., 2011, 39(5): 628-634



Electrochemiluminescence Determination of Thioridazine Based on Carbon Nanofiber Paste Electrode

XU Lei, LIU Yang, HOU Hao-Qing,
YOU Tian-Yan*

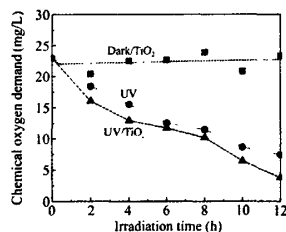
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Damage of Deoxyribonucleic Acid Caused by Hydroxyl Radical

WANG Xiao-Xing, FANG Yan-Fen, YANG Jing,
CHEN Deng-Xia, HUANG Ying-Ping*,
ZHANG Ai-Qing

Chinese J. Anal. Chem., 2011, 39(5): 640–644

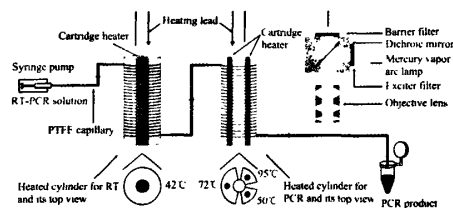


★Rapid Amplification and Detection of Foodborne Pathogenic Rotavirus by Continuous-flow Reverse Transcription-Polymerase Chain Reaction

Integrated with Online Fluorescence Analysis

ZHANG Chun-Sun*, LI Yu-Yuan, WANG Hai-Ying

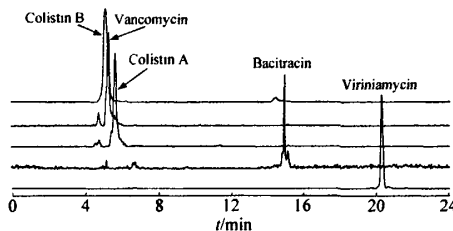
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Simultaneous Determination of 5 Peptide Antibiotics in Bovine Milk Samples by Liquid Chromatography-Tandem Mass Spectrometry

LIU Jia-Jia, JIN Fen, SHE Yong-Xin, LIU Hong-Bin,
SHI Xiao-Mei, WANG Miao, WANG Jing*,
XU Si-Yuan

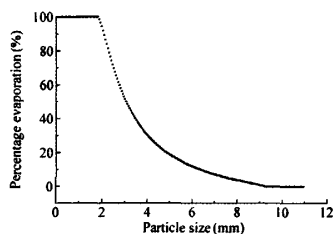
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Transportation and Evaporation Behavior of Suspension Particle for Slurry Nebulization Introduction in Inductively Coupled Plasma Optical Emission Spectrometry

ZHANG Jun-Ye, WANG Zheng*, DU Yi-Ping*,
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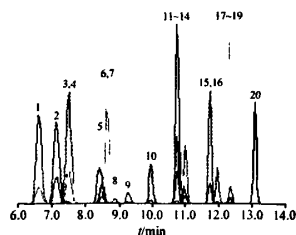
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Determination of 20 Sulfonylurea Herbicides Residues in Animal Origin Foods by High Performance Liquid Chromatography-Tandem Mass Spectrometry

LIU Jin-Xia, ZHANG Yi, DING Li, LIU Xiao-Xia,
HUANG Zhi-Qiang*, CHEN Bo, WANG Li-Bing

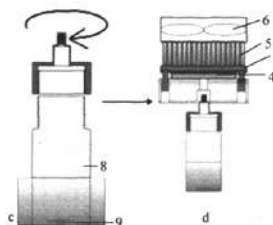
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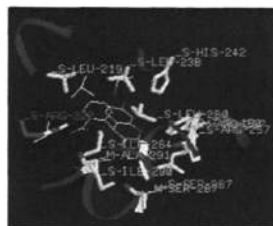
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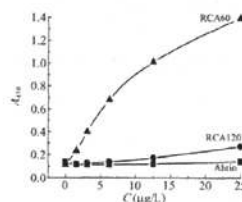
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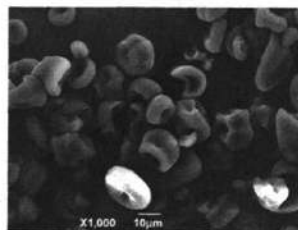
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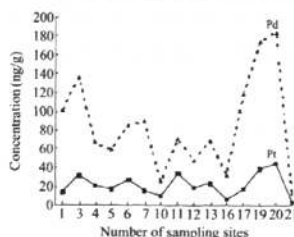
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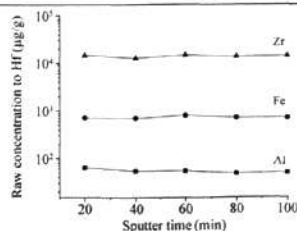


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Analysis of Particle Hafnium by Direct Current Glow Discharge Mass Spectrometry

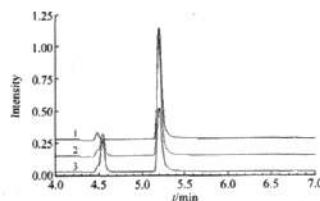
QIAN Rong*, Siqinbilige, ZHUO Shang-Jun, SHEN Ru-Xiang, SHENG Cheng, GAN Fu-Xi
Chinese J. Anal. Chem., 2011, 39(5): 700–704



Research Notes

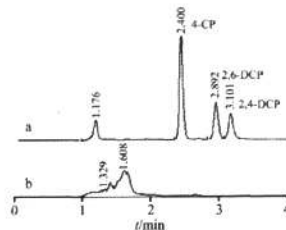
Determination of Methanol in Wines by Multidimensional Gas Chromatography

YI Xiong-Hai*, GUO De-Hua, DENG Xiao-Jun, ZHU Jian, FAN Xiang, SHI Jing-Yan
Chinese J. Anal. Chem., 2011, 39(5): 705–708



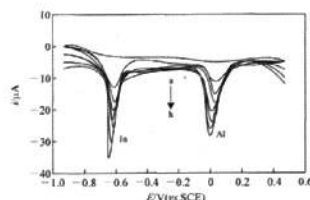
★Determination of Trace Chlorophenols Endocrine Disrupting Chemicals in Water Sample Using [Bmim]BF₄-NaH₂PO₄ Aqueous Two-Phase Extraction System Coupled with High Performance Liquid Chromatography

WANG Liang, ZHU Hong, SUN Yan-Tao, XU Ying-Jie, WANG Qing-Wei*, YAN Yong-Sheng
Chinese J. Anal. Chem., 2011, 39(5): 709–712



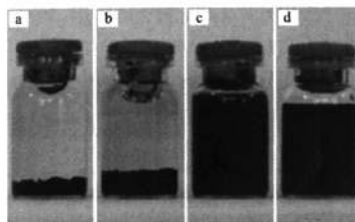
Simultaneous Determination of Indium and Aluminum by Voltammetry Based on Carboxylic Carbon Nanotubes Modified Electrode

LI Jun-Hua*, KUANG Dai-Zhi, FENG Yong-Lan, QU Jing-Nian
Chinese J. Anal. Chem., 2011, 39(5): 713–717



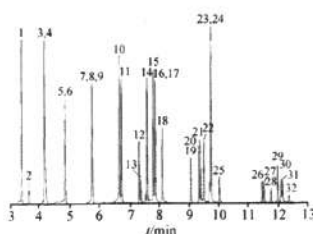
Comparative Study on Contents of Oxygen-containing Groups on Multi-walled Carbon Nanotubes Functionalized by Three Kinds of Acid Oxidative Methods

CHEN Zhe, HE Hua*, TAN Shu-Hua*, ZHA Jun, HUANG Ji-Long
Chinese J. Anal. Chem., 2011, 39(5): 718–722



Fast Qualitative Analysis of 32 Preservatives and Antioxidants in Food Sample by Comprehensive Two Dimensional Gas Chromatography Coupled Time of Flight Mass Spectrometry

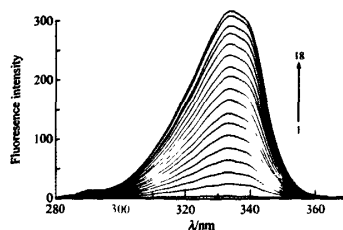
CHEN Qi, HUANG Jun-Rong*, LING Yun, ZHANG Feng, LI Yu-Yu, WU Yong-Ning, CHU Xiao-Gang*
Chinese J. Anal. Chem., 2011, 39(5): 723–727



Determination of Protein in Biological Samples by Probe of 2-(9H-Purin-6-ylamino)-4-(methylthio) Butanoic Acid

CUI Feng-Ling*, XING Wei-Wei,
JIANG Xiao-Ying, ZHANG Xiao-Li, CHENG Shan,
HUO Rui-Na

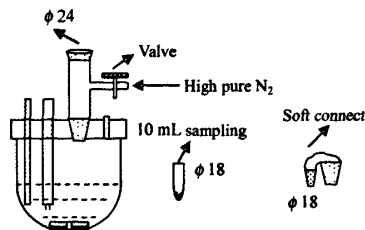
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Determination of Magnesium Oxide and Water in Magnesium Chloride Hexahydrate by Karl Fisher Titration Method

NI Qian-Yin, WU Yu-Long*, YANG Ming-De*,
HU Hu-Sheng, ZHANG Li-Jia, DANG Jie

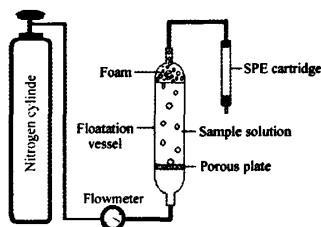
Chinese J. Anal. Chem., 2011, 39(5): 733—737



Separation and Enrichment of Ginsenosides from Extracts of Root of *Panax Notoginseng* Burk. F. H. Chen. by Foam Floatation-Solid Phase Extraction

ZHANG Rui, LI Na, ZHANG Han-Qi,
WANG Ying, GAO Shi-Qian, REN Rui-Bing,
SUN Ying*

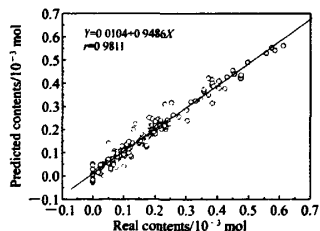
Chinese J. Anal. Chem., 2011, 39(5): 738—742



Titration Analysis of Multi-Organic Acids in Sugarcane Molasses by Back-Propagation Neural Network Integrated with Bayesian Regularization and Genetic Algorithm

CAO Jia-Xing, LU Jian-Ping*

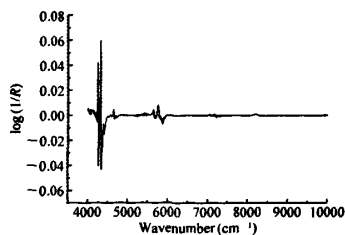
Chinese J. Anal. Chem., 2011, 39(5): 743—747



Identification of Camellia Oils by Near Infrared Spectroscopy Combined with Chemometrics

ZHANG Ju-Hua, ZHU Xiang-Rong, LI Gao-Yang,
SHAN Yang*, SHANG Xue-Bo, HUANG Lu-Hong,
SHUAI Ming

Chinese J. Anal. Chem., 2011, 39(5): 748—752



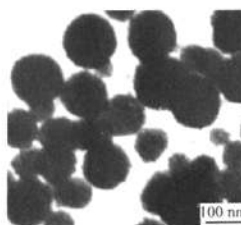
Enrichment of Malachite Green in Fishpond Water by Sulfo-Functionalized Iron Oxide Magnetic Beads

ZHANG Jian-Wen, XIONG Yong-Hua,

CHEN Xue-Lan, LI Xue, LIN Xiao-Li,

LI Huai-Ming, GUO Liang*

Chinese J. Anal. Chem., 2011, 39(5): 753–756



Review and Progress

★ **Research Progress of Magnetic Resonance Imaging Contrast Agents**

XIAO Yan, WU Yi-Jie, ZHANG Wen-Jun,

LI Xiao-Jing*, PEI Feng-Kui

Chinese J. Anal. Chem., 2011, 39(5): 757–764

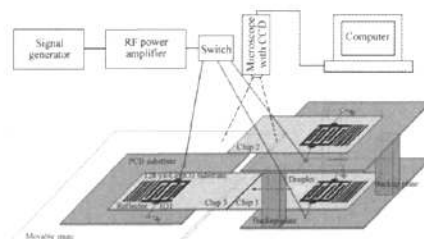
Magnetic resonance imaging (MRI) is one of the most useful diagnostic techniques in clinical medicine and more than 30% of all MRI examinations are accompanied by administration of a contrast agent which has become a class of pharmaceuticals. This review presents the principles, characterization and classification, recent developments of MRI contrast agents. The primary direction of such research is to study the MRI contrast agents with organ-selectivity, high relaxivity and safety.

Experimental Technique and Instrument

★ **Transporting Digital Micro-fluids Among Multi-chips Based on Surface Acoustic Wave**

ZHANG An-Liang, XIA Xing-Hua*

Chinese J. Anal. Chem., 2011, 39(5): 765–769



★ **Development and Application of 16-Channel Two Mode Recording System for Neurochemical and Neuroelectrical Signals**

LIN Nan-Sen, SONG Yi-Lin, LIU Chun-Xiu,

CAI Xin-Xia*

Chinese J. Anal. Chem., 2011, 39(5): 770–774



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