

药物分析杂志 第 43 卷 第 3 期

目 次

综述专论

- 肺癌 EGFR - TKIs 浓度测定方法研究进展 杨培丹, 梁平, 郭霞, 尹金妥, 侯娟, 冯锐, 刘江 (359)
- 评价口服药物动态溶出的体外模型 张雅琦, 屠露萍, 饶泽鹏, 金鹤翔, 王文喜 (366)
- 往复架法在药物溶出度研究中的应用进展 陈天伊, 庾莉菊, 宁保明, 许卉, 张军, 徐昕怡, 张启明 (375)

代谢分析

- LC - MS/MS 法同时测定耐碳青霉烯肠杆菌感染重症患者血浆中替加环素及阿米卡星的药物浓度
..... 饶志, 郭思鸣, 何忠芳, 党子龙, 李波霞, 秦红岩, 魏玉辉 (387)
- 小儿风叶咳喘平合剂 3 个成分在大鼠体内的药代动力学研究
..... 叶孝吟, 栗铭, 杨骏, 唐洁, 石梦鸽, 张永, 韩涵, 张彤 (394)
- 斜率比法测定水蛭抗凝血活性的方法学验证研究
..... 肖斯婷, 胡宇驰, 杨文良, 李韦然, 郭玉东, 许华玉, 李波 (405)

成分分析

- 中药材茯苓 PCR 鉴定与特征 兰春阳, 李翔, 李佩瑶, 孟雪, 冯新源, 李明成 (414)
- 基于色差原理分析土茯苓断面颜色与成分之间的相关性 李辰荃, 倪琳, 张诗华, 郭朝晖, 宋平顺 (422)
- UPLC - MS/MS 法同时测定经典名方实脾散中 20 个化学成分的含量
..... 麻景梅, 姜晓娅, 麻朝朝, 李琛, 范帅帅, 王鑫国, 牛丽颖 (429)

安全监测

- 党参中 41 种元素分析及风险评估 左甜甜, 张毅, 马潇, 李晓东, 樊昌俊, 金红宇, 孙磊, 马双成 (440)
- 固相萃取 - 同位素内标 - GC - MS/MS 法测定根及根茎类中药材中 18 个多环芳烃残留量
..... 刘丽娜, 金红宇, 管珂, 马双成 (448)
- HPLC 法测定卡托普利原料及片剂中 3 种异构体 沈悦, 范佳丽, 罗钢, 李建伟 (457)
- 气相色谱法测定吸附破伤风疫苗中 17 种邻苯二甲酸酯类增塑剂
..... 高彦, 鹿泽华, 职启航, 田文帝, 王力, 申志强, 王斌 (463)

复方克霉唑乳膏中抑菌剂降解问题的发现与解析

..... 吴小英,程杰,贾微微,堵伟锋,刘羽,褚信信,刘瑶,谢子立(472)

HPLC - ELSD 法同时测定棕榈酸帕利哌酮注射剂中聚山梨酯 20 和聚乙二醇 4000 的含量

..... 马永超,姬巍,薛英,夏昀卿,周凤梅,刘万卉,许丽晓(480)

标准研讨

河南牡丹叶的 HPLC 指纹图谱及化学模式识别研究

..... 宁二娟,陈玲,王学方,张丽先,李晓,张立攀,王法云(486)

宜宾黄柏和四川其他产区黄柏一测多评和指纹图谱对比研究 何兵,吴建明,梁思成,田吉,杨世艳(494)

铁皮石斛的 PCR - RFLP 鉴别方法 王孟颖,万林春,赵雯,饶毅,曾黎明(509)

超高效液相色谱法同时测定固本消疹方中 10 个成分的含量 刘丽娟,赵亚,吴亚运,赵瑞芝,卢传坚(516)

A 型肉毒抗毒素 ELISA 方法的建立及验证

..... 张玲玲,段丽娟,刘建光,李育合,谢小荣,苏慧,梁凌宇,高建军(525)

沉香外观性状特征与内在指标成分含量的相关性研究

..... 朱鹏坚,吴胜鸿,刘紫薇,邓诗敏,李华,洪童奕,陈晓颖,章卫民,高晓霞(531)

本刊为中国中文核心期刊、中国科技核心期刊和中国科学技术协会精品科技期刊。2006—2011 年每年获中国科协精品科技期刊工程项目 C 类立项支持,2012—2014 年每年获中国科协精品科技期刊工程项目立项支持,2015—2017 年每年获中国科协精品科技期刊工程学术质量提升项目立项支持。

CHINESE JOURNAL OF PHARMACEUTICAL ANALYSIS

VOL. 43 NO. 3

Review & Monography

Progress in concentration determination of EGFR – TKIs in lung cancer

..... YANG Pei – dan, LIANG Ping, GUO Xia, YIN Jin – tuo, HOU Juan, FENG Rui, LIU Jiang(359)

In vitro dynamic dissolution models for oral drugs

..... ZHANG Ya – qi, TU Lu – ping, RAO Ze – peng, JIN He – xiang, WANG Wen – xi(366)

Progress of the reciprocating holder apparatus in dissolution testing of medical products

..... CHEN Tian – yi, YU Li – ju, NING Bao – ming, XU Hui, ZHANG Jun, XU Xin – yi, ZHANG Qi – ming(375)

Metabolism Analysis

Simultaneous determination of tegacyclin and amikacin in severe patients plasma with carbapenem resistant enterobacter infection by LC – MS/MS

..... RAO Zhi, GUO Si – ming, HE Zhong – fang, DANG Zi – long, LI Bo – xia, QIN Hong – yan, WEI Yu – hui(387)

Pharmacokinetics study of three active components from Xiaoer Fengye Kechuanping mixture after oral administration in rats

..... YE Xiao – yin, LI Ming, YANG Jun, TANG Jie, SHI Meng – ge, ZHANG Yong, HAN Han, ZHANG Tong(394)

Validation of slope ratio method for determination of anticoagulant activity of Leeches

..... XIAO Si – ting, HU Yu – chi, YANG Wen – liang, LI Wei – ran, GUO Yu – dong, XU Hua – yu, LI Bo(405)

Ingredient Analysis

PCR identification and characteristics of Chinese traditional medicinal *Poria cocos* (Schw.) Wolf

..... LAN Chun – yang, LI Xiang, LI Pei – yao, MENG Xue, FENG Xin – yuan, LI Ming – cheng(414)

Correlation between cross section color and composition in *Smilacis Glabrae Rhizoma* based on chromatic aberration theory

..... LI Chen – quan, NI Lin, ZHANG Shi – hua, GUO Zhao – hui, SONG Ping – shun(422)

Simultaneous determination of twenty chemical components in Shipi powder by UPLC – MS/MS

MA Jing – mei, JANG Xiao – ya, MA Zhao – zhao, LI Chen, FAN Shuai – shuai, WANG Xin – guo, NIU Li – ying(429)

Safety Monitoring

Analysis of 41 elements in *Codonopsis pilosula* (Franch.) Nannf. and risk assessment

..... ZUO Tian – tian, ZHANG Yi, MA Xiao, LI Xiao – dong, FAN Chang – jun, JIN Hong – yu, SUN Lei, MA Shuang – cheng(440)

- Determination of 18 polycyclic aromatic hydrocarbons in root and rhizome herbs by SPE - isotope dilution GC - MS/MS
 LIU Li - na, JIN Hong - yu, ZAN Ke, MA Shuang - cheng(448)
- Determination of three isomers in captopril API and tablets by HPLC
 SHEN Yue, FAN Jia - li, LUO Gang, LI Jian - wei(457)
- Determination of 17 phthalate plasticizers in adsorbed tetanus vaccine by gas chromatography
 GAO Yan, LU Ze - hua, ZHI Qi - hang, TIAN Wen - di, WANG Li, SHEN Zhi - qiang, WANG Bin(463)
- Discovery and analysis of the degradation of bacteriostatic agents in compound clotrimazole cream
 WU Xiao - ying, CHENG Jie, JIA Wei - wei, DU Wei - feng, LIU Yu, CHU Xin - xin,
 LIU Yao, XIE Zi - li(472)
- Simultaneous determination of polysorbate 20 and polyethylene glycol 4000 in paliperidone palmitate injection by HPLC -
 ELSD MA Yong - chao, JI Wei, XUE Ying, XIA Yun - qing, ZHOU Feng - mei,
 LIU Wan - hui, XU Li - xiao(480)

Standard Deliberation

- HPLC fingerprint combined with chemical pattern recognition for quality evaluation of poeny leaves from Henan province
 NING Er - juan, CHEN Ling, WANG Xue - fang, ZHANG Li - xian, LI Xiao, ZHANG Li - pan, WANG Fa - yun(486)
- Comparative study on QAMS and fingerprint of *Phellodendron chinense* Schneid. from Yibin and other Sichuan producing
 areas HE Bing, WU Jian - ming, LIANG Si - cheng, TIAN Ji, YANG Shi - yan(494)
- Identification of *Dendrobium officinale* Kimura et Migo by PCR - RFLP
 WANG Meng - ying, WAN Lin - chun, ZHAO Wen, RAO Yi, ZENG Li - ming(509)
- Simultaneous determination of ten components in Guben Kangmin decoction by UPLC
 LIU Li - juan, ZHAO Ya, WU Ya - yun, ZHAO Rui - zhi, LU Chuan - jian(516)
- Establishment and validation of an ELISA method for detection of botulinum antitoxin type A
 ZHANG Ling - ling, DUAN Li - juan, LIU Jian - guang, LI Yu - he, XIE Xiao - rong, SU Hui,
 LIANG Ling - Yu, GAO Jian - jun(525)
- Study on the correlation between the appearance characteristics and the contents of internal index components in agarwood
 ZHU Peng - jian, WU Sheng - hong, LIU Zi - wei, DENG Shi - min, LI - Hua, HONG Tong - yi,
 CHEN Xiao - ying, ZHANG Wei - min, GAO Xiao - xia(531)