

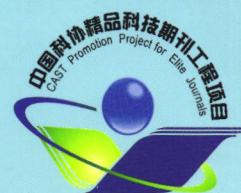
中国药学会系列期刊

2017年3月 第37卷 第3期

2017 March Volume 37 Number 3

ISSN 0254-1793

CN 11-2224/R



# 药物分析杂志

YAOWU FENXI ZAZHI

CHINESE JOURNAL OF PHARMACEUTICAL ANALYSIS

3  
2017



中国食品药品检定研究院  
National Institutes for Food and Drug Control



中国药学会  
Chinese Pharmaceutical Association

万方数据

<http://www.nifdc.org.cn>  
<http://www.ywfxzz.cn>



药物分析杂志 第 37 卷 第 3 期

目 次

综述专论

- “刷型”手性固定相在 D-氨基酸分析中的应用…………… 阮梦,王启钦,梁浩斌,江正瑾,韩海(369)  
桑椹的生理活性成分、提取检测及药理作用研究进展…………… 赵秀玲,范道春(378)

成分分析

- 白术麸炒过程中辅料蜜麸的挥发性成分动态变化研究…………… 潘欢欢,刘飞,陈鸿平,陈美君,张鑫,范胤哲,刘友平(386)  
RP-HPLC 法同时测定茵陈蒿汤中 14 个成分…………… 王韵,赵亮,柴逸峰,朱臻宇(393)  
HPLC 法快速测定辅酶 Q<sub>10</sub> 维生素 E 软胶囊中 2 种功效成分含量…………… 林宏琳,华永有,童金华(402)  
HPLC-ELSD 法测定破壁灵芝孢子粉中 8 个油脂类成分的含量…………… 程夏倩,周建良,高向波,张文婷,赵维良(407)  
HPLC 波长切换联合梯度洗脱法同时测定荆防败毒丸中 10 个成分的含量…………… 李云静,何忠梅(414)  
HPLC 法同时测定牛黄清感胶囊中 6 个成分的含量…………… 郝乘仪,郭淑英,朱鹤云,昌盛(422)  
RP-HPLC-DAD 同时测定复方石韦胶囊中 4 个黄酮成分的含量…………… 杨志欣,王祺茹,李霞,单柏松,刘佳佳,王海威,王艳宏(427)  
HPLC 法测定山野豌豆与狭山野豌豆中 4 个黄酮成分…………… 郭方岩,王宇,郝延军,吕小艳,桑育黎(432)  
不同产地党参药材及其水提物的红外光谱特征分析…………… 杨波,张娟娟,孙胜杰,王颖莉(438)

活性分析

- 软琼脂克隆形成实验评价药物体外抑瘤性与成瘤性…………… 齐乃松,郭建,王雪,文海若(444)

安全监测

- 盐酸头孢他美酯分散片有关物质的色谱-质谱结构鉴定…………… 李丹凤,颜其双,邓鸣,朱健萍(451)  
液质联用法快速筛查中药材及饮片中常见染色掺假物质的方法研究及数据库建立…………… 苟琰,耿昭,张燕飞,周娟,郭力(461)  
牛奶及乳粉中黄曲霉毒素 M<sub>1</sub> 的液相色谱-质谱检测比较研究…………… 刘明理,曹进,张庆生,李晓瑜(471)  
荧光定量 PCR 法测定重组人 I 型胰岛素原料中宿主 DNA 的残留量…………… 周朝东,苏喆,黄哲甦(477)  
碘海醇中有关物质 O-烷基化合物和 N-烷基化合物的质谱分析…………… 王玉,宋雪洁,张雅萍,季红英,杨蕾,石晶萍,梁元太(482)  
醋酸奥曲肽原料及其制剂的杂质分析…………… 李茜,梅芊,刘英(492)  
二维液相色谱法检测注射用核糖核酸 I / II / III 中苯酚残留量…………… 徐明明,郑璐侠,邵泓,杨新磊,陈钢(502)



测定美白类化妆品中氢醌和苯酚的高效液相色谱法改进研究

..... 赵江丽,张敏,张西茹,孙茵,宋更申,贾东升(508)

## 过程控制

水溶性甘草次酸冻干粉的制备及理化分析..... 祖畅,李永,赵修华,张印(514)

## 生物检定

免疫测定用前列腺特异性抗原国家标准品的定值研究..... 刘艳,孙楠,黄颖,高尚先,王玉梅,张春涛(519)

## 代谢分析

苦碟子中2个倍半萜内酯的牛血清白蛋白结合率的测定  
..... 张秀平,董鲁艳,刘思焱,蔡伟,王菲,尚展鹏,张加余,王子健,卢建秋,刘颖(524)

## 标准研讨

苍术药材的横切面显微鉴别研究..... 朱利霞,汪旭,李鸿翔,谭玉柱,黄华斌(530)  
RP-HPLC法测定紫杉醇脂质体的药物包封率..... 游杨杨,索绪斌,岳静静,徐兴,张涵(535)  
芸香浸膏的定性定量方法研究..... 吴萌,饶伟文,肖聪(540)  
UPLC-MS/MS法测定舒肝丸中川楝素的含量..... 马永青,刘晓明,刘永利(545)  
吡罗昔康原料晶型对片剂溶出度的影响研究..... 谭菊英,黄丽丽,孙煜,何虹,朱建萍,戴向东(550)

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.37 NO.3

## Review & Monography

- Brush-type chiral stationary phases and their applications in *D*-amino acids analysis  
 ..... RUAN Meng, WANG Qi-qin, LIANG Hao-bing, JIANG Zheng-jin, HAN Hai ( 369 )
- Review of physiological active components, extraction and detection methods and pharmacological  
 bioactivities of mulberry ..... ZHAO Xiu-ling, FAN Dao-chun ( 378 )

## Ingredient Analysis

- Study on variability of volatile components from bran in the processing of *Atractylodis Macrocephalae* Rhizoma  
 stir-fried with bran ..... PAN Huan-huan, LIU Fei, CHEN Hong-ping, CHEN Mei-jun,  
 ZHANG Xin, FAN Yin-zhe, LIU You-ping ( 386 )
- Simultaneous determination of fourteen constituents in Yin-Chen-Hao-Tang by RP-HPLC  
 ..... WANG Yun, ZHAO Liang, CHAI Yi-feng, ZHU Zhen-yu ( 393 )
- A fast HPLC method for simultaneous determination of two kinds of functional components in coenzyme Q<sub>10</sub>  
 vitamin E softgel ..... LIN Hong-lin, HUA Yong-you, TONG Jin-hua ( 402 )
- Determination of eight lipin components in *Ganoderma lucidum* spore powder by HPLC-ELSD  
 ..... CHENG Xia-qian, ZHOU Jian-liang, GAO Xiang-bo, ZHANG Wen-ting, ZHAO Wei-liang ( 407 )
- Simultaneous determination of ten components in Jingfang Baidu pills by HPLC method with wavelength  
 switching and gradient elution ..... LI Yun-jing, HE Zhong-mei ( 415 )
- Simultaneous determination of six compounds in Niu Huang Qinggan capsules by HPLC  
 ..... HAO Cheng-yi, GUO Shu-ying, ZHU He-yun, CHANG Sheng ( 422 )
- Simultaneous determination of four flavonoids in Fufang Shiwei capsules by RP-HPLC-DAD ..... YANG Zhi-xin,  
 WANG Qi-ru, LI Xia, SHAN Bai-song, LIU Jia-jia, WANG Hai-wei, WANG Yan-hong ( 427 )
- Determination of four flavonoids in *Vicia amoena* Fisch. and *Vicia amoena* Fisch. var. *angusta* Freyn. by HPLC  
 ..... GUO Fang-yan, WANG Yu, HAO Yan-jun, LÜ Xiao-yan, SANG Yu-li ( 432 )
- Infrared spectral characteristics of *Codonopsis Radix* from different habitats and their aqueous extracts  
 ..... YANG Bo, ZHANG Juan-juan, SUN Sheng-jie, WANG Ying-li ( 438 )

## Activity Analysis

- Tumor suppression effect and tumorigenicity of drugs evaluated by soft agar colony formation assay  
 ..... QI Nai-song, GUO Jian, WANG Xue, WEN Hai-ruo ( 444 )

## Safety Monitoring

- Separation and identification of related substances in cefetamet pivoxil hydrochloride dispersible tablets by  
 LC-MS method ..... LI Dan-feng, YAN Qi-shuang, DENG Ming, ZHU Jian-ping ( 452 )
- Rapid screening method based on LC-MS for common dyeing adulterated material in traditional Chinese medicinal  
 materials and decoction pieces ..... GOU Yan, GENG Zhao, ZHANG Yan-fei, ZHOU Juan, GUO Li ( 461 )



- Comparative study on determination of aflatoxins M<sub>1</sub> in milk and its powder by liquid chromatography-mass spectrometry..... LIU Ming-li, CAO Jin, ZHANG Qing-sheng, LI Xiao-yu ( 471 )
- Determination of residual host cell DNA in recombinant human/aspart insulin substances by quantitative PCR ..... ZHOU Chao-dong, SU Zhe, HUANG Zhe-su ( 477 )
- Identification for related substances of *O*-alkyl compounds and *N*-alkyl compounds in iohexol by HPLC-MS/MS ..... WANG Yu, SONG Xue-jie, ZHANG Ya-ping, JI Hong-ying, YANG Lei, SHI Jing-ping, LIANG Yuan-tai ( 482 )
- Analysis of impurities in octreotide acetate and its injection ..... LI Qian, MEI Qian, LIU Ying ( 492 )
- Determination of residual phenol content in ribonucleic acid I / II / III for injection by two-dimensional liquid chromatography ..... XU Ming-ming, ZHENG Lu-xia, SHAO Hong, YANG Xin-lei, CHEN Gang ( 502 )
- Improvement on determination of hydroquinone and phenol in whitening cosmetics by HPLC ..... Zhao Jiang-li, Zhang Min, Zhang Xi-ru, Sun Han, Song Geng-shen, Jia Dong-sheng ( 508 )

## Process Evaluation

- Preparation and physicochemical analysis of water-soluble glycyrrhetic acid freeze-dried powder ..... ZU Chang, LI Yong, ZHAO Xiu-Hua, ZHANG Yin ( 514 )

## Bioassay

- Quantification study of national standard material of prostate specific antigen ( PSA ) for immunoassay ..... LIU Yan, SUN Nan, HUANG Ying, GAO Shang-xian, WANG Yu-mei, ZHANG Chun-tao ( 519 )

## Metabolism Analysis

- Determination of bovine serum albumin binding rates on two sesquiterpene lactones of *Ixeris sonchifolia* ..... ZHANG Xiu-ping, DONG Lu-yan, LIU Si-yi, CAI Wei, WANG Fei, SHANG Zhan-peng, ZHANG Jia-yu, WANG Zi-jian, LU Jian-qiu, LIU Ying ( 524 )

## Standard Deliberation

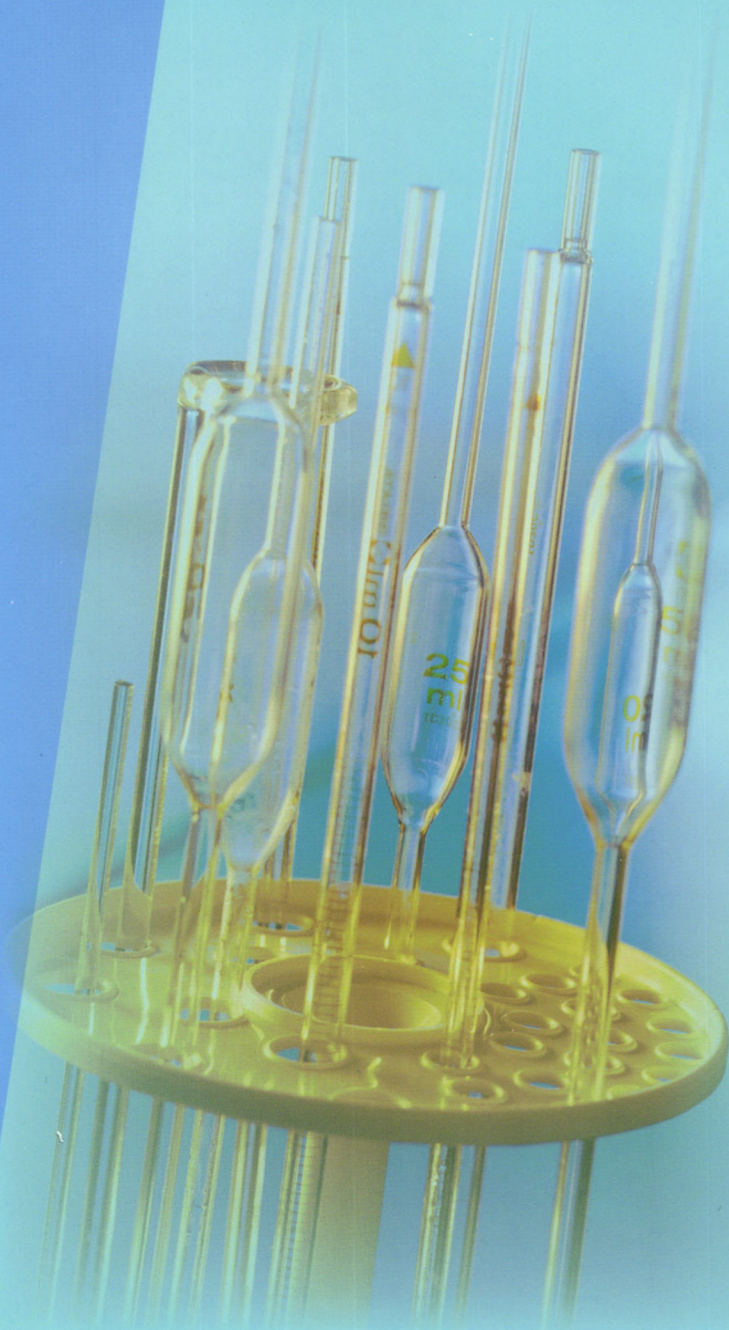
- Microscopic identification of transverse section of *Atractylodes Rhizoma* ..... ZHU Li-xia, WANG Xu, LI Hong-xiang, TAN Yu-zhu, HUANG Hua-bin ( 530 )
- Determination of entrapment efficiency of liposomal paclitaxel by RP-HPLC ..... YOU Yang-yang, SUO Xu-bin, YUE Jing-jing, XU Xing, ZHANG Han ( 535 )
- Study on qualitative and quantitative methods of Yunxiang extraction ..... WU Meng, RAO Wei-wen, XIAO Cong ( 540 )
- Determination of toosendanin in Shugan pills by UPLC-MS/MS ..... MA Yong-qing, LIU Xiao-ming, LIU Yong-li ( 545 )
- Characterization of crystal form of piroxicam and its impacts on dissolution in tablets ..... TAN Ju-ying, HUANG Li-li, SUN Yu, HE Hong, ZHU Jiang-ping, DAI Xiang-dong ( 550 )



中国科技核心期刊  
中国中文核心期刊

**CJPA**

药物分析杂志



药物分析杂志网页



单篇快速阅览



微信公众号

ISSN 0254-1793



9 770254 179050

03>

国内刊号: CN 11-2224/R 邮发代号: 国内 2-237 国外 M 506 每册定价: 60.00 元

万方数据