

中国药学会系列期刊

2021年10月 第41卷 第10期

2021 October Volume 41 Number 10

ISSN 0254-1793

2224/R

Q K 2 1 4 7 9 8 1

药物分析杂志

YAO WU FEN XI ZAZHI

CHINESE JOURNAL OF PHARMACEUTICAL ANALYSIS

10
2021



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

中国科技核心期刊
中国中文核心期刊

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

药物分析杂志 第41卷 第10期

目 次

综述专论

- ¹H - NMR 技术在中药分析领域的应用现状 徐博, 吴翠, 李卓俊, 宋平平, 巢志茂(1663)
中药多糖质量控制体系初探 王莹, 金红宇, 丁侃, 马双成(1670)
化学计量学在中药色谱分析中的应用探讨 熊婧, 李慧勇, 李广生, 石岩, 何兰, 魏峰, 马双成(1681)

成分分析

- UPLC - MS/MS 法测定大蓟中 7 个吡咯里西啶生物碱的含量及初步风险评估 昝珂, 李耀磊, 周颖, 左甜甜, 金红宇, 王莹, 马双成(1690)
UPLC - MS/MS 法同时测定天山茶藨茎 14 个酚类成分及其降血糖活性 逯红林, 赵亚芸, 沈海涛, 葛娟, 王强, 何大俊(1697)
八珍益智方 UPLC 指纹图谱研究及多成分定量测定 卜凡淑, 牛阳, 黄楷迪, 张婷, 张祎盈, 任慧, 钱大玮, 郭盛, 段金廒(1707)
羊胆中胆汁酸类成分的考察、测定与探讨 姚令文, 石岩, 魏峰, 马双成(1718)
HPLC 法同时测定千里光中 10 个成分的含量 万勇, 钟国豪, 袁铭铭, 谢二磊(1724)

生物鉴定

- 高效液相色谱 - 电喷雾法测定单克隆抗体药物中海藻糖的含量 俞小娟, 于传飞, 王兰(1729)

安全监测

- 电感耦合等离子体 - 质谱法测定硫酸氢氯吡格雷(I 型) 中元素杂质的残留量 梁键谋, 程磊, 王芸, 洪利娅(1734)
UPLC - MS/MS 检测益心酮片中 37 个非法添加解热镇痛类化合物 左甜甜, 张琳琳, 金红宇, 王丹丹, 方翠芬, 马临科, 陈碧莲, 昝珂, 马双成(1739)
HPLC - QTOF - MS/MS 结合 NMR 分析甘草酸单铵盐原料及其高温强降解杂质 李洋, 孙捷, 段伟萍, 高晓黎, 赵金兰, 谢湘云, 彭国平, 郑云枫(1748)

近红外荧光染料 Cypate 有关物质检测方法的建立及其体外光热转换效应

..... 蔡亮亮, 韩勇, 沈凯, 吴雯仪, 朱永红(1757)

注射剂科氏葡萄球菌污染的鉴定和同源性分析方法研究

..... 孙雪奇, 肖剑, 秦力, 陈婕, 柴海毅, 刘程智, 杨小蓉, 毛新武(1764)

药用辅料白蜂蜡流变学构效关系研究 杨锐, 许凯, 李盼盼, 王晓锋, 张靖, 肖新月(1775)

维生素 A 棕榈酸酯有关物质的色谱 - 质谱联用鉴定研究 蔡艳娇, 程婷婷, 杭太俊, 宋敏(1782)

布地奈德缓释片有关物质方法的建立及色谱 - 质谱结构鉴定 丁亚婷, 邱宏春, 尹山, 郑鑫, 杭太俊(1796)

超临界流体色谱法测定利福昔明及其制剂的杂质谱 赵敬丹, 刘浩(1806)

高效液相色谱法测定匹伐他汀钙原料药中的有关物质 康乐, 林蒙, 孟凡领, 刘印(1812)

标准研讨

补骨脂素苷与苷元的转化规律及补骨脂药材质量评价方法的研究

..... 王浩, 胡冲, 张亚中, 程世云, 韩玲玲, 王满媛, 陶治(1823)

安宫牛黄丸体外安全性研究 钟泽凌, 林匡民, 柳馨荷, 刘子湉, 吴骁, 李永明(1829)

质量分析

注射用头孢噻肟钠晶型一致性评价研究 戚淑叶, 邹文博, 姚尚辰, 许明哲, 尹利辉(1836)

黏膜填充用修饰透明质酸钠凝胶中交联葡聚糖凝胶微球粒度的测定

..... 杜瑶瑶, 姜晓路, 朱佳铭, 何杜鹃, 周奎(1844)

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. 41 NO. 10****Review & Monography**Application status of ^1H – NMR technology in analysis of traditional Chinese medicine

..... XU Bo, WU Cui, LI Zhuo – jun, SONG Ping – ping, CHAO Zhi – mao(1663)

Primary investigation on the quality control system in polysaccharide in traditional Chinese medicine

..... WANG Ying, JIN Hong – yu, DING Kan, MA Shuang – cheng(1670)

Discussion on the application of chemometrics in chromatographic analysis of traditional Chinese medicine

..... XIONG Jing, LI Hui – yong, LI Guang – sheng, SHI Yan, HE Lan, WEI Feng, MA Shuang – cheng(1681)

Ingredient AnalysisDetermination and preliminary risk assessment of seven main pyrrolizidine alkaloids in *Cirsii Japonici Herba* by UPLC – MS/MS..... ZAN Ke, LI Yao – lei, ZHOU Ying, ZUO Tian – tian, JIN Hong – yu, WANG Ying, MA Shuang – cheng(1690)Simultaneous determination of 14 phenols from *Ribes meyeri* stem by UPLC – MS/MS and their antidiabetic activity

..... LU Hong – lin, ZHAO Ya – yun, SHEN Hai – tao, GE Juan, WANG Qiang, HE Da – jun(1697)

Study on UPLC fingerprint of Bazhen Yizhi prescription and quantitative determination of multiple components

..... BU Fan – shu, NIU Yang, HUANG Kai – di, ZHANG Ting, ZHANG Yi – ying, REN Hui, QIAN Da – wei, GUO Sheng, DUAN Jin – ao(1707)

Investigation, determination and discussion on bile acids in sheep bile

..... YAO Ling – wen, SHI Yan, WEI Feng, MA Shuang – cheng(1718)

Simultaneous determination of ten chemical compositions in the aerial parts of *Senecio scandens* by HPLC

..... WAN Yong, ZHONG Guo – hao, YUAN Ming – ming, XIE Er – lei(1724)

Bioassay

Development of an HPLC – CAD method to determine trehalose in therapeutic monoclonal antibody

..... YU Xiao – juan, YU Chuan – fei, WANG Lan(1729)

Safety Monitoring

Determination of trace elemental impurity in clopidogrel sulfate using ICP – MS

..... LIANG Jian – mou, CHENG Lei, WANG Yun, HONG Li – ya(1734)

Detection of 37 compounds illegally added in Yixintong tablets by ultra - high performance liquid chromatography - tandem mass spectrometry ZUO Tian - tian, ZHANG Lin - lin, JIN Hong - yu, WANG Dan - dan,

FANG Cui - fen, MA Lin - ke, CHEN Bi - lian, ZAN Ke, MA Shuang - cheng(1739)

Identification and characterization of the related substances of monoammonium glycyrrhizinate and its high temperature degradation by HPLC - QTOF MS/MS and NMR LI Yang, SUN Jie, DUAN Wei - ping, GAO Xiao - li, ZHAO Jin - lan, XIE Xiang - yun, PENG Guo - ping, ZHENG Yun - feng(1748)

Establishment of the method for the detection of related substances in the near infrared fluorescent dye Cypate and its photo-thermal conversion effect *in vitro* CAI Liang - liang, HAN Yong, SHEN Kai, WU Wen - yi, ZHU Yong - hong(1757)

Study on identification and phylogenetic relationship analysis methods of *Staphylococcus cohnii* contamination in injection

..... SUN Xue - qi, XIAO Jian, QIN Li, CHEN Jie, CAI Hai - yi, LIU Cheng - zhi, YANG Xiao - rong, MAO Xin - wu(1764)

Study on structure - rheological activity relationship of pharmaceutical excipients white beeswax

..... YANG Rui, XU Kai, LI Pan - pan, WANG Xiao - feng, ZHANG Jing, XIAO Xin - yue(1775)

Vitamin A palmitate related substances identification by LC - MS techniques

..... CAI Yan - jiao, CHENG Ting - ting, HANG Tai - jun, SONG Min(1782)

Establishment of a method of the related substances of budesonide extended release tablets and identification by LC - MS

..... DING Ya - ting, QIU Hong - chun, YIN Shan, ZHENG Xin, HANG Tai - jun(1796)

Determination of the impurity profiling in rifaximin and its preparations using supercritical fluid chromatography

..... ZHAO Jing - dan, LIU Hao(1806)

Determination of related substances of pitavastatin calcium by high performance liquid chromatography

..... KANG Le, LIN Meng, MENG Fan - ling, LIU Yin(1812)

Standard Deliberation

Establish the determination of Psoraleae Fructus based on the transformation mechanism of glycoside and aglycone

..... WANG Hao, HU Chong, ZHANG Ya - zhong, CHENG Shi - yun, HAN Ling - ling, WANG Man - yuan, TAO Ye(1823)

Safety evaluation of Angong Niuhuang pills *in vitro*

..... ZHONG Ze - ling, LIN Kuang - min, LIU Xin - he, LIU Zi - tian, WU Xiao, LI Yong - ming(1829)

Quality Control

Discussion on polymorph consistency evaluation for cefotaxime sodium for injection

..... QI Shu - ye, ZOU Wen - bo, YAO Shang - chen, XU Ming - zhe, YIN Li - hui(1836)

Determination of particle size of cross - linked dextran gel microspheres in sodium hyaluronate gel for mucosal filling

..... DU Yao - yao, JIANG Xiao - lu, ZHU Jia - ming, HE Du - juan, ZHOU Kui(1844)



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

10>

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