

藥物食品分析

JOURNAL OF FOOD AND DRUG ANALYSIS

Vol.9 No.1

March 2001

目 錄 CONTENTS

研究論文 Research Article

1. **Determination of Flavonoids in *Daphnis Genkwae* Flos by High Performance Liquid Chromatography** 1
JER-HUEI LIN, YA-TZE LIN, YI-NING CHIOU, KUO-CHING WEN AND CHUN-HENG LIAO
芫花藥材中類黃酮成分之高效液相層析定量研究
林哲輝 林雅姿 邱怡寧 溫國慶 廖俊亨
2. **Isolation and Cytotoxicity of Flavonoids from *Daphnis Genkwae* Flos** 6
JER-HUEI LIN, YA-TZE LIN, YUH-JAN HUANG, KUO-CHING WEN, RUEI-MING CHEN, TZUU-HUEI UENG AND CHUN-HENG LIAO
芫花之類黃酮類成分及細胞毒性研究
林哲輝 林雅姿 黃玉珍 溫國慶 陳瑞明 翁祖輝 廖俊亨
3. **Characterization of *Escherichia coli* Serotype O157 Strains Isolated in Taiwan by PCR and Multilocus Enzyme Analysis** 12
LIH-CHING CHIUEH, WEY-HUEY SHIANG AND DANIEL YANG CHIH SHIH
以PCR及多位點酵素分析法探討自台灣地區分離之O157型大腸桿菌特性
闕麗卿 項蔚慧 施養志
4. **Gas Chromatographic Determination of Synthetic Antioxidants in Edible Fats and Oils-A Simple Methylation Method** 20
YOUK-MENG CHOONG AND HSIU-JUNG LIN
簡易甲酯化處理－氣相層析法分析食用油脂中之合成抗氧化劑
鍾玉明 林秀蓉
5. **A Rapid and Simple Gas Chromatographic Method for Direct Determination of Safrole in Soft Drinks** 27
YOUK-MENG CHOONG AND HSIU-JUNG LIN
市售清涼飲料中黃樟素之簡易快速氣相層析定量分析法
鍾玉明 林秀蓉
6. **Stability of Polycyclic Aromatic Hydrocarbons during Heating** 33
Y.C. CHEN AND B.H. CHEN
多環芳香族碳氫化合物於加熱過程中之安定性
陳盈璋 陳炳輝

7. **High Performance Chromatographic Determination of Asulam Residue in Agricultural Products** 40
TSUNG-LIN LI, WAN-CHEN LEE, PI-CHIOU CHANG AND SHIN-SHOU CHOU
以高效液相層析儀檢測農產品中亞速爛殘留量
李宗璘 李婉嬪 張碧秋 周薰修
8. **Mutagenic Analysis of Fermenting Strains and Fermented Brine for Stinky Tofu** 45
HSUEH-O CHANG, SHU-WAN WANG, JIAN-CHYI CHEN, LEE-FENG HSU
AND SHIAW-MIN HWANG
臭豆腐發酵菌株及其發酵液之致突變性分析
張雪娥 王叔菴 陳健祺 許麗鳳 黃效民
9. **Detection of Four Types of Genetically Modified Maize by Polymerase Chain Reaction and Immuno-Kit Methods** 50
LIH-CHING CHIUEH, YEN-LING CHEN, JEI-HWA YU AND
DANIEL YANG-CHIH SHIH
以聚合酵素鏈鎖反應（PCR）方法及市售免疫套組檢測四種基因改造玉米
關麗卿 陳彥伶 游傑華 施養志
10. **以聚合壘鏈鎖反應、細胞吸附、血球凝集試驗與細菌團形成等方法檢測腸凝集性大腸桿菌** 58
蔡政志 陳叔瑜 曾浩洋
Use of Polymerase Chain Reaction, Cell Adhesion, Hemagglutination and Bacterial Clump Formation Tests in Detection of Enteraggregative *Escherichia coli* Strains
CHENG-CHIH TSAI, SHU-YU CHEN AND HAU-YANG TSEN

本刊榮獲八十九年度「行政院國家科學委員會獎助國內學術研究優良期刊」優等獎