

# Chromatographic Fingerprint Analysis Of Herbal Medicines Thinlayer And High Performance Liquid Chromatography Of Chinese Drugs

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### [Chromatographic Fingerprint Analysis Of Herbal](#)

#### **Chromatographic Fingerprinting and Quality Control of ...**

Chromatographic Fingerprinting and Quality Control of Herbal Medicines : Comparison of two officinal Chinese pharmacopoeia species of Dendrobii based on High-Performance Liquid Chromatography and Chemometric analysis by Débora Sara da Costa Mendes Thesis for the degree of European Master in Quality in Analytical Laboratories Supervisors:

#### **FINGERPRINT ANALYSIS OF HERBAL MEDICINES USING HPLC: ...**

samples of herbal medicine Thus chromatographic fingerprint should be considered to evaluate the quality of herbal medicines globally considering multiple constituents present in the herbal medicines [1-4] Objective Fingerprint analysis of herbal drugs represents a comprehensive qualitative

approach for the purpose of

### **Chromatographic Fingerprint Analysis of Pycnogenol Dietary ...**

chromatographic fingerprints that provide additional qualitative information about the analytes beyond the four primary components In 1991, the chromatographic fingerprint technology was accepted by the World Health Organization (WHO) as a strategy for identification and quality evaluation of herbal medicines (14) In this study, an

### **FINGERPRINTING TECHNIQUES IN HERBAL STANDARDIZATION**

Chromatographic fingerprinting is the most powerful approach for the quality control of herbal medicines Chromatographic fingerprint of Herbal Medicine is a chromatographic pattern produced from extract of some common chemical components which may be pharmacologically active or have some chemical characteristics[1] This chromatographic

### **Chemical Compositions, Chromatographic Fingerprints and ...**

Fingerprinting analysis has been introduced and accepted by the World Health Organization (WHO) as a strategy for assessing the quality of herbal medicines [22–24] and plays a very important role in their development of modernization Nonetheless, most studies on fingerprints of herbal medicines mainly aim to describe their chemical profiles

### **DIFFERENTIATION OF Curcuma longa Curcuma xanthorrhiza ...**

components to evaluate the quality of herbal medicines [1] Recently, chromatographic fingerprint analysis has been attracting more people's attention and accepted by the World Health Organization (WHO) [2] Chromatographic fingerprint is a sufficient-used method in profiling the overall compound because the retention

### **4.1 HPTLC Fingerprint 4.1.1 Introduction - Shodhganga**

Chromatographic fingerprint analysis of herbal drugs represents comprehensive qualitative approach for the purpose of species authentication, evaluation of quality and ensuring the consistency and stability of herbal drugs and their related products The entire pattern of compounds can then be evaluated to determine not only the presence or

### **Future Trends in Standardization of Herbal Drugs**

Chromatographic Fingerprinting and Marker Compound Analysis A chromatographic fingerprint of an Herbal Medicine (HM) is a chromatographic pattern of the extract of some common chemical components of pharmacologically active and or chemical characteristics This chromatographic profile should be featured by

### **Chromatographic Fingerprint Analysis is Feasible for ...**

Data analysis: Date analysis for chromatographic fingerprint was performed by use of the professional analysis software 'Similarity evaluation system for chromatographic fingerprint of traditional Chinese medicine (Version 20121) Using ...

### **Pattern recognition analysis of chromatographic ...**

The chromatographic fingerprint analysis of herbal products could serve as a comprehensive approach for classification, authentication, evaluation of quality, and ensuring the consis-

### **Quality Control Method for Herbal Medicine - Chemical ...**

31 Chromatographic fingerprint analysis techniques and classification 311 Thin layer chromatography TLC is the common fingerprint method for herbal analysis because of its simplicity, rapidity

**A REVIEW OF EMERGING ANALYTICAL TECHNIQUES FOR ...**

graphic fingerprint methods of analysis for standardization of HMP Furthermore, evaluation techniques of bioactive markers from herbal compounds through bio-chromatographic and conventional chromatographic procedures Such as, fingerprint and multi-constituents quantification in particular and coupling of chemical

**Review Quality control of herbal medicines**

Journal of Chromatography B, 812 (2004) 53-70 Review Quality control of herbal medicines Yi-Zeng Lianga,\*, Peishan Xieb, Kelvin Chanc a Research Center of Modernization of Chinese Medicines, Institute of Chemometrics and Intelligent Analytical Instruments, College of Chemistry and Chemical Engineering, Central South University, Changsha 410083, PR China

**Journal of Chemical and Pharmaceutical Research, 2016, 8(7 ...**

Journal of Chemical and Pharmaceutical Research, 2016, 8(7):877-882 Review Article ISSN : 0975-7384 CODEN(USA) : JCPRC5 877 Significance of various chromatographic techniques in herbal drug analysis Rushi Patel and Krushang Patel SAL Institute of Pharmacy, Gujarat Technological University, Ahmedabad, Gujarat state, India

**Spectrum-effect relationship analysis by binary ...**

Spectrum-effect relationship analysis by binary chromatographic fingerprint to identify components responsible for the antibacterial activity of the essential oil from Curcumae wenyujin Shen Songa,b, Wei-Feng Yao a, Xiao-bin Cui a, Xiao Liu , and Rong-Li Qiu

**Quality Control Method for Herbal Medicine - Chemical ...**

system It needs crossover of herbal medicine, separation science, analytical science, and bioinformatics to provide a platform for the quality control of traditional herbal medicines Those features make fingerprint analysis especially suitable for research on HMs which bearing characteristics of a complex mixture of chemical compounds

**PHYTOCHEMICAL AND CHROMATOGRAPHIC COMPARISION ...**

finished herbal drugs [3] Chromatographic fingerprint analysis of herbal drugs represents a comprehensive qualitative approach for the purpose of species authentication, evaluation of quality and ensuring the consistency and stability of herbal drugs and their related products [4] Recent advances in the isolation,

**TLC AND HPLC Fingerprint development of Aegle marmelos ...**

of finished herbal drugs Traditionally only a few markers of pharmacologically active constituents were employed to assess the quality and authenticity of complex herbal medicines[1] Chromatographic fingerprint analysis of herbal drugs represents a comprehensive qualitative approach for the purpose of species

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112 Chromatographic fingerprint analysis-an approach for herbal medicines Review NPAIJ, 3(3) December 2007 An Indian Journal NNaattuorraall PPrroodduuccttss tic potential of the drugs as per regulatory guidelines

**Differentiation of Panax quinquefolius grown in the USA ...**

of the most commonly used herbal medicines in the world Discriminating between P quinquefolius grown in differ-ent countries is difficult using traditional quantitation methods In this study, a liquid chromatographic mass spectrometry fingerprint combined with chemometric analysis was established to discriminate between Ameri-