

平成 16 年度「日本薬局方の試験法に関する研究」研究報告

—理化学試験用生薬標準品に関する研究—**

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**Study of Reference Crude Drug Standards
for Quality Testing**

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Summary

Several chemical compounds are provided as reference standards of crude drugs in the 14th edition of the Japanese Pharmacopoeia. Such reference standards are useful due to their purity, simplicity and reproducibility. However, new reference crude drug standards are needed for quality control because many components contribute to the effectiveness of crude drugs. In addition, the constituents of crude drugs are complex in chemical structure, large in number, and, in the case of crude drugs containing essential oils, may be unstable. Thus, reference crude drug standards are required for fingerprint chromatograms of crude drugs. In this study we examined the analysis of reference crude drug standards.

Key words

Reference crude drug standard, Fingerprint chromatograms, AURANTII FRUCUTUS IMMATURUS, PEUCEDANI RADIX, ATRACTYLODIS LANCEAE RHIZOMA, ATRACTYLODIS RHIZOMA, MAGNOLIAE CORTEX, MAGNOLIAE FLOS