

## HPTLC による生薬「オウゴン」国内流通品の成分比較

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High-performance TLC Comparison of Components in the Crude Drug  
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## Summary

As part of a project to construct a database of official crude drugs, constituents in fifteen samples of “Scutellariae Radix” (the root of *Scutellaria baicalensis*) on the market in Japan were compared by means of high-performance TLC (HPTLC) according to the crude drug identification test in the Japanese Pharmacopoeia. A main spot corresponding to standard baicalin was detected in all of the HPTLC chromatograms, together with spots of wogonin, wogonoside, and chrysin 6-*C*-arabinoside 8-*C*-glucoside. These data provide a characteristic pattern that should be useful as an indicator for quality inspection of crude drugs available on the market. In addition, HPLC analysis was performed, confirming the presence of baicalin as the main component of these crude drugs. Peaks of wogonin, wogonoside, baicalein, and chrysin 6-*C*-arabinoside-8-*C*-glucoside were also detected.

## Key words

Crude drug, Scutellaria Root, *Scutellaria baicalensis*, Baicalin, HPTLC