

## Analytical and Bioanalytical Chemistry

### Electronic Supplementary Material

A novel and rapid HPGPC-based strategy for quality control of saccharide-dominant herbal materials: *Dendrobium officinale*, a case study

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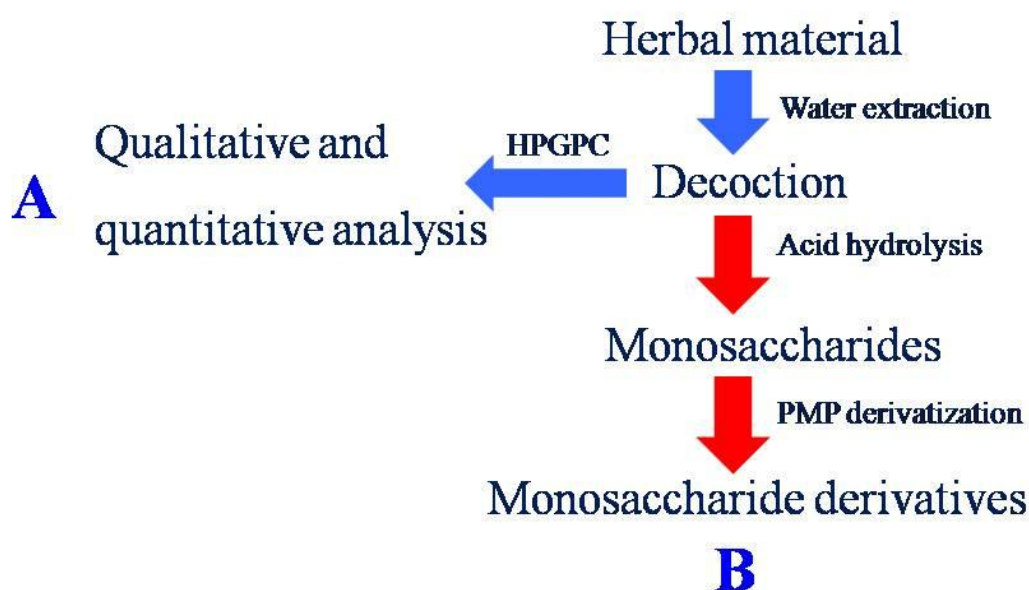


Fig. S1. Flow charts of two methods, HPGPC (A) and sugar composition analysis (B) for quality evaluation of carbohydrates in herbal materials

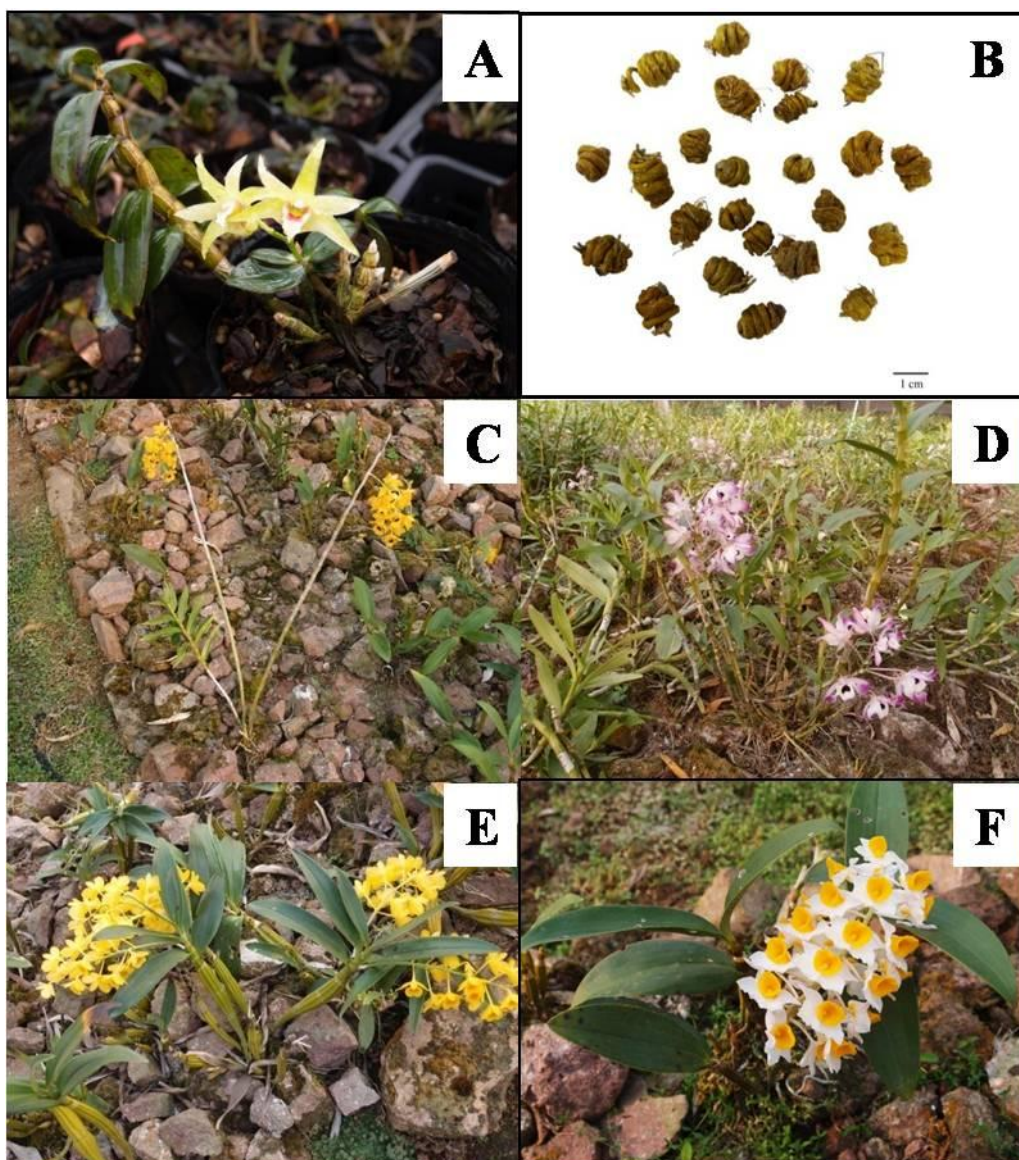


Fig. S2. Original plants of *Dendrobium officinale* (A), *D. fimbriatum* (C), *D. nobile* (D), *D. chrysotoxum* (E), *D. thyrsiflorum* (F) and *Tiepi Fengdou* (processed *D. officinale*) (B)

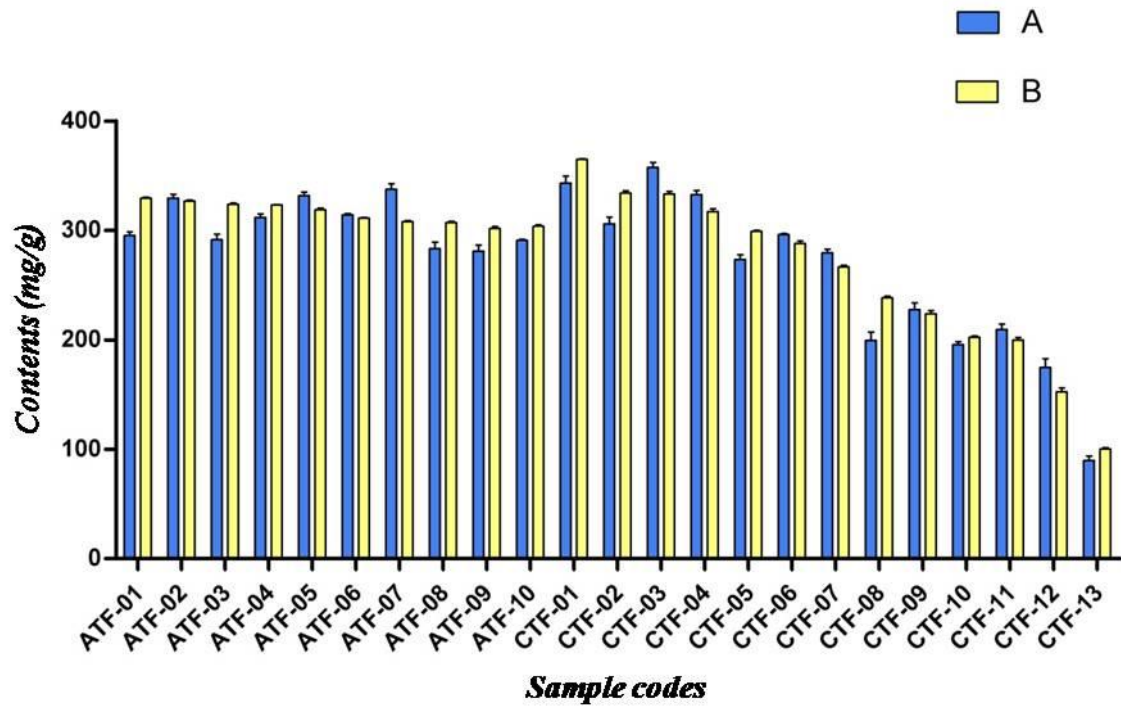


Fig. S3. Statistical comparison of quantitative results of DOP in different *Tiepi Fengdou* samples by sugar composition analysis (A) and the developed HPGPC method (B)