Supplementary material

Comparison of the partition efficiency of multiple phenolic compounds contained in propolis in different modes of acetonitrile-water based homogenous liquid-liquid extraction

Wenbin Chen \textsuperscript{1,2,*}, Xijuan Tu \textsuperscript{1,2}, Dehui Wu \textsuperscript{1}, Zhaosheng Gao \textsuperscript{1}, Siyuan Wu \textsuperscript{1}, and Shaokang Huang \textsuperscript{1}

\textsuperscript{1} College of Bee Science, Fujian Agriculture and Forestry University, Fuzhou, China.
\textsuperscript{2} MOE Engineering Research Center of Bee Products Processing and Application, Fujian Agriculture and Forestry University, Fuzhou, China.
\* Correspondence: wbchen@fafu.edu.cn; Tel.: +86-591-83789482

Figure S1. Representative HPLC-DAD chromatogram (\(\lambda=280\) nm) of phenolic standards. 1, caffeic acid; 2, \(p\)-coumaric acid; 3, isoferulic acid; 4, dimethoxycinnamic acid; 5, cinnamic acid; 6, kaempferol; 7, caffeic acid phenethyl ester.
Figure S2. Extraction yields of investigated phenolic compounds under different addition amounts of a) NaCl and b) MgSO₄ in ACN-H₂O mixture (50:50, v/v). Error bars present the standard deviation (n=3).

Figure S3. Extraction yields of investigated phenolic compounds under different addition amounts of glucose in ACN-H₂O mixture (50:50, v/v). Error bars present the standard deviation (n=3).