

### Supplementary Information

Table S1. Calibration curve equations and linearity ranges of the standard solutions.

Analyte	Calibration curve	R <sup>2</sup>	Linear range (µg/mL)
Liquiritin	$Y = 352.67X - 0.5299$	0.9994	1.48-148.05
Isoliquiritin	$Y = 589.13X - 0.5255$	0.9994	0.86-85.92
Liquiritigenin	$Y = 715.37X - 0.2724$	0.9992	0.36-36.00
Glycyrrhizic Acid	$Y = 715.37X - 0.2724$	0.9994	17.50-1750.18
Isoliquiritigenin	$Y = 406.91X - 0.2060$	0.9991	0.38-37.80