

**Table S1.** Equation parameters and correlation coefficient (R<sup>2</sup>) used for phenolic standards.

Standards	Y=a*X±b	R <sup>2</sup>
Gentisic acid	Y= 1726721*X+466061.0629	0.9924
Coumaric acid	Y= 404285.2881*X+13101.3113	0.9981
Caffeic acid	Y= 3049527.6728*X+856403.3939	0.9921
Ferulic acid	Y= 172046.6074*X-47682.2769	0.9906
Chrysin	Y= 421642.8753*X+255584.8437	0.9914
Pinocembrin	Y= 156751.2871*X+40416.1819	0.997
Quercetin	Y= 769214.5670 * x + 825343.6827	0.9915
Isorhamnetin	Y= 1084944.2566 * x + 1008067.9239	0.9936