

Table S1. Regressive equations, linear ranges, LOD and LOQ of ten investigated compounds

Analytes	Calibration curve	R²	Linear range(µg/mL)	LOQ(µg/mL)	LOD (µg/mL)
3'-Hydroxypuerarin	Y=41.444x-155.28	0.9992	1.28-410	1.28	0.43
Puerarin	Y=35.341x +66.284	1.0000	2.00-640	2.00	0.67
3'-Methoxypuerarin	Y=19.322x -1.2447	1.0000	0.69-220	0.69	0.23
Daidzin	Y=28.836x+13.876	1.0000	1.12-360	1.12	0.37
Rutin	Y=16.778x -19.737	0.9999	1.03-330	1.03	0.34
Astragalin	Y=19.004x+0.0476	1.0000	1.50-480	1.50	0.50
Daidzein	Y=36.812x+363.4	0.9991	1.38-440	1.38	0.46
Ginsenoside Rg ₁	Y=1.7809x+0.3293	0.9999	6.75-540	6.75	2.25
Astragaloside IV	Y=0.28x-0.5778	0.9999	30.0-600	30.0	10.00
20(S)-Ginsenoside Rg ₃	Y=1.9464x+0.0404	0.9997	4.38-350	4.38	1.46