

Supplementary Table 1

compound	linear range($\mu\text{g/L}$)	R^2	LOD($\mu\text{g/L}$)	LOQ($\mu\text{g/L}$)
(+)-catechin	12-2300	0.9991	1.15	3.84
(-)-epicatechin	8-1600	0.9995	1.08	3.62
procyanidin B1	8-1700	0.9992	2.24	7.46
procyanidin B2	5-900	0.9992	1.42	4.76
phloridzin	9-1800	0.9993	0.22	0.73
chlorogenic acid	8-1500	0.9998	2.11	7.04
caffeic acid	6-1200	0.9991	3.97	13.16
ρ -coumaric acid	7-1400	0.999	29.13	97.09
ferulic acid	7-1400	0.9992	5.04	17.86
gallic acid	14-2700	0.9991	2.63	8.77
quercetin	9-1900	0.9993	0.18	0.6
quercetin-3-O-galactoside	8-1600	0.9995	0.52	1.73
quercetin-3-O-rhamnoside	8-1600	0.9993	0.1	3.37
quercetin-3-O-rutinoside	9-1700	0.9999	0.23	0.78
quercetin-3-O-glucoside	16-3300	0.9991	0.26	0.88