

Supplementary Table 1. Statistical analysis for the calibration curve of phenolic compounds

Analyte	Equation of the line	Correlation coefficient (R ²)	Linearity Range (µg/mL)	LOD (µg/mL)	LOQ (µg/mL)
Gallic acid	$27.969x + 29.661$	0.9985	1 - 111	2.318	7.024
3,4-dihydroxy benzoic acid	$18.243x - 5.419$	0.9997	1 - 111	1.051	3.186
Catechin	$15.880x - 10.151$	0.9986	1 - 111	2.245	6.804
Chlorogenic acid	$27.902x - 5.483$	0.9993	1 - 111	1.603	4.857
4-hydroxy benzoic acid	$20.520x + 0.406$	0.9992	1 - 111	1.701	5.155
1,2-dihydroxy benzene	$19.153x - 1.697$	0.9993	1 - 111	1.621	4.912
Epicatechin	$14.514x - 0.147$	0.9972	1 - 111	3.189	9.662
Vanillic acid	$46.875x + 22.624$	0.9979	1 - 111	2.778	8.420
Caffeic acid	$5.434x - 9.184$	0.9915	1 - 111	5.636	17.079
Vanillin	$51.466x + 6.730$	0.9995	1 - 111	1.298	3.933
<i>p</i> -Coumaric acid	$102.581x + 16.824$	0.9996	1 - 111	1.193	3.616
Sinapic acid	$10.607x + 4.067$	0.9993	1 - 111	1.568	4.753
<i>Trans</i> -Ferulic acid	$41.345x + 1.066$	0.9997	1 - 111	0.991	3.004
Ellagic acid	$8.613x + 31.529$	0.9964	1 - 111	3.644	11.042
Rutin	$33.475x - 44.748$	0.9983	1 - 111	2.485	7.529
Salicylic acid	$5.872x + 8.639$	0.9949	1 - 111	4.342	13.157
Quercetin	$36.193x + 0.810$	0.9998	1 - 111	0.883	2.674
Kaeampferol	$22.258x - 6.550$	0.9994	1 - 111	1.528	4.630