

**Table S1.** Calibration characteristics and limits of detection (LOD) and limits of quantification (LOQ) of reference compounds in HPLC-DAD.

Phenolic Compound	c (µg/mL)	Calibration Curve Equation	Linearity *	LOD (µg/mL)	LOQ (µg/mL)
Procyanidin B1	0.5–20	$y = 9.537x - 1.564$	0.9982	0.5	2.8
(+)-Catechin	0.5–50	$y = 16.083x - 7.072$	0.9993	0.9	2.2
Procyanidin B2	0.5–10	$y = 13.373x - 25.880$	0.9996	1.2	2.5
Procyanidin C1	1.0–50	$y = 12.580x - 38.568$	0.9993	0.2	2.2
(-)-Epicatechin	1.0–50	$y = 15.678x - 1.228$	0.9997	0.4	1.7
Procyanidin A2	1.0–50	$y = 15.207x - 2.578$	0.9986	0.5	1.9
Gallic acid	0.5–100	$y = 74.565x - 203.271$	0.9997	1.6	1.9
Protocatechuic acid	0.2–20	$y = 83.103x + 14.884$	0.9998	0.3	0.9
5-O-Caffeoylquinic acid	0.5–100	$y = 76.834x - 258.863$	0.9994	2.9	3.1
Caffeic acid	0.1–50	$y = 135.456x + 8.922$	0.9998	0.5	0.6
p-Coumaric acid	0.1–10	$y = 188.341x - 225.984$	0.9989	0.03	0.1
Ferulic acid	0.1–10	$y = 136.140x + 11.868$	0.9999	0.1	0.2
Phloretin-2-O-β-glucoside	0.2–100	$y = 55.217x - 34.456$	0.9999	0.8	2.0
Quercetin-3-O-galactoside	5.0–250	$y = 76.747x + 113.346$	0.9987	2.5	3.7
Quercetin-3-O-glucoside	5.0–100	$y = 67.725x - 92.729$	0.9998	0.8	2.4
Quercetin-3-O-rutinoside	5.0–50	$y = 51.333x - 21.087$	0.9997	0.9	2.7
Quercetin-3-O-xyloside	0.5–100	$y = 57.714x - 2.109$	0.9942	0.8	2.4
Quercetin-3-O-arabinoside	5.0–200	$y = 67.899x - 144.780$	0.9993	2.7	4.2
Quercetin-3-O-rhamnoside	5.0–250	$y = 76.344x - 300.286$	0.9997	3.4	4.7
Quercetin	5.0–100	$y = 77.325x - 305.333$	0.9980	5.8	7.1

\* The linearity was given over the entire 7-point calibration curve. c: concentration; LOD: limit of detection; LOQ: limit of quantification.