Supplementary Materials: The following supporting information can be downloaded at:

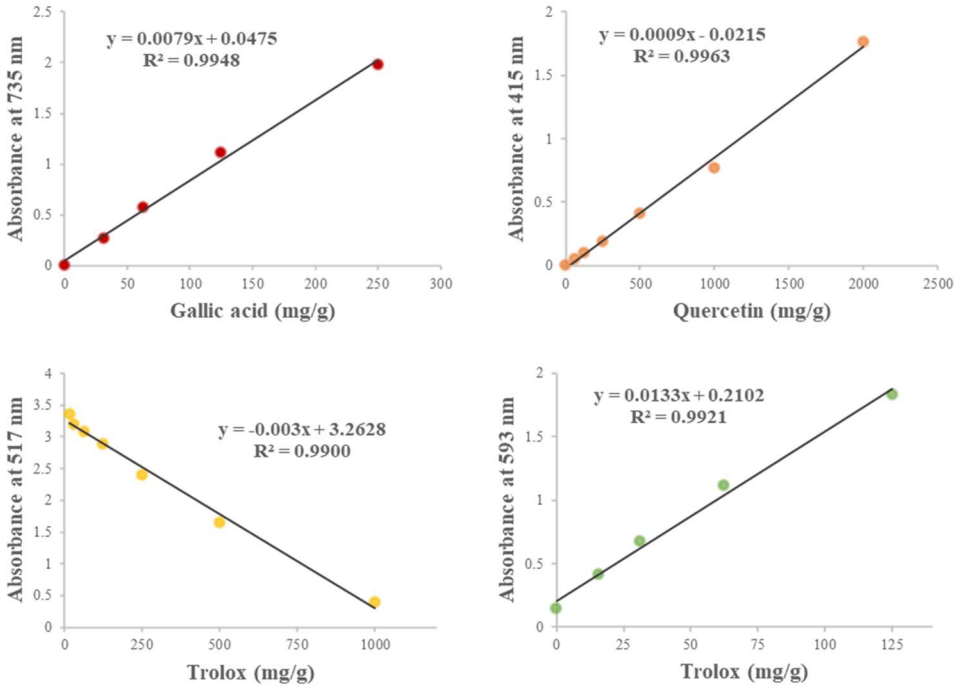


Figure S1. Calibration curve of standards.

Table S1. Physical properties of commercial sample.

	Weight (g)	Aspect ratio	*L**	*a**	*b**	A_{420}	5-HMF (mg/g DW)
CG	236.53 ± 0.00	0.48 ± 0.00	12.49 ± 0.00	0.87 ± 0.06	0.56 ± 0.02	2.05 ± 0.04	ND

Data are presented as means ± standard deviations (n = 3). ND represents not detected (Lower than LOQ). CG is commercial sample.