Table S5. Kinetic model fitting parameters for the adsorption of cholesterol, sodium taurocholate (NaTC) and sodium glycocholate (NaGC) by " Yali" peel polyphenol extract (ARPPE) and pulp polyphenol extract (aRPPE) during 0 days of low temperature storage.

Adsorbents			Lagergren pseudo-first-order kinetic fit model					Lagergren pseudo-second-order kinetic fit model				
			Q_e (mg/g)	k_1 (h^{-1})	R^2	Adj R^2	χ^2	Q_e (mg/g)	k_2 (g/mg·h)	R^2	Adj R^2	χ^2
Cholesterol	ARPPE	pH 2.0	210.8733	0.8788	0.9460	0.9369	-	309.6476	0.0021	0.9373	0.9268	-
		pH 7.0	259.2927	1.3257	0.9770	0.9732	-	337.3318	0.0037	0.9716	0.9688	-
	aRPPE	pH 2.0	144.6202	1.2054	0.9769	0.9730	-	183.7469	0.0057	0.9685	0.9632	-
		pH 7.0	171.6892	1.2631	0.9825	0.9796	-	204.4362	0.0055	0.9728	0.9683	-
NaTC	ARPPE	-	36.6123	0.6003	0.9856	0.9827	1.5673	59.6621	0.0064	0.9841	0.9809	1.7346
	aRPPE	-	35.0889	0.4575	0.9755	0.9706	1.8807	60.8770	0.0043	0.9741	0.9689	1.9876
NaGC	ARPPE	-	17.8778	0.7641	0.9571	0.9485	1.5128	28.3808	0.0175	0.9527	0.9432	1.6662
	aRPPE	-	12.0907	0.7504	0.9757	0.9708	0.5492	17.0066	0.0289	0.9721	0.9665	0.6308