

Supplementary materials:

Table S1. Correlation between TPC and data obtained by the DPPH, ABTS, and FRAP tests. The correlation coefficients were evaluated by using Pearson's method.

Assay	Gastric Stage	Duodenal Stage	Pronase Stage	Viscozyme Stage
	R^2	R^2	R^2	R^2
DPPH	0.99	0.99	0.98	0.99
ABTS	0.98	0.98	0.99	0.99
FRAP	0.98	0.98	0.98	0.98

Table S2. Stock solutions composition

Salt solution	Stock concentration (mol/L)	SSF (pH 7)		SGF (pH 3)		SIF (pH 7)	
		mL of Stock added to prepare 0.4 L (mL)	Final salt concentration in sample (mmol/L)	mL of Stock added to prepare 0.4 L (mL)	Final salt conc. in sample (mmol/L)	mL of Stock added to prepare 0.4 L (mL)	Final salt conc. in sample (mmol/L)
KCl	0.5	15.1	15.1	6.9	6.9	6.8	6.8
KH ₂ PO ₄	0.5	3.7	1.35	0.9	0.9	0.8	0.8
NaHCO ₃	1	6.8	13.68	12.5	25	42.5	85
NaCl	2	-	-	11.8	47.2	9.6	38.4
MgCl ₂ (H ₂ O) ₆	0.15	0.5	0.15	0.4	0.12	1.1	0.33
NH ₄ (CO ₃) ₂	0.5	0.06	0.06	0.5	0.5	-	-

SSF: simulated salivary fluid; SGF: simulated gastric fluid gastric; SIF: simulated intestinal fluid.