

Table. S7 Effects of different brewing temperatures on the dissolution time of tea polyphenols in Se-BF and Se-YL.

Sample	Temperature (°C)	Curve equation	R ²	t _{0.5} (min)	t _{1.0} (min)
Se-BF	65	$c=0.131\ln(t)+0.07$	0.9711	27.32	1279.02
	75	$c=0.158\ln(t)+0.07$	0.9551	15.20	359.99
	85	$c=0.173\ln(t)+0.09$	0.9628	10.70	192.50
	100	$c=0.226\ln(t)+0.08$	0.9540	6.41	58.60
Se-YL	65	$c=0.152\ln(t)+0.07$	0.9698	16.93	454.15
	75	$c=0.175\ln(t)+0.09$	0.9808	10.41	181.27
	85	$c=0.20\ln(t)+0.12$	0.9710	6.68	81.45
	100	$c=0.22\ln(t)+0.14$	0.9805	5.14	49.85