

Table. S17 Effects of different brewing temperatures on dissolution time of theaflavins in Se-BF and Se-YL.

Sample	Temperature (°C)	Curve equation	R ²	t _{0.5} (min)	t _{1.0} (min)
Se-BF	65	$c = 0.1827\ln(t) - 0.0222$	0.9595	17.43	269.06
	75	$c = 0.2039\ln(t) + 0.0034$	0.9718	11.42	132.65
	85	$c = 0.2037\ln(t) + 0.1102$	0.9844	6.78	78.9
	100	$c = 0.2276\ln(t) + 0.156$	0.9838	4.53	40.78
Se-YL	65	$c = 0.1845\ln(t) - 0.021$	0.9529	16.84	253.12
	75	$c = 0.2128\ln(t) - 0.0083$	0.9816	10.90	114.23
	85	$c = 0.2161\ln(t) + 0.1032$	0.983	6.27	63.43
	100	$c = 0.2395\ln(t) + 0.1544$	0.9706	4.23	34.15