

Table. S15 Effects of different brewing temperatures on dissolution duration of caffeine in Se-BF and Se-YL.

Sample	Temperature (°C)	Curve equation	R ²	t _{0.5} (min)	t _{1.0} (min)
Se-BF	65	$c = 0.1574\ln(t) + 0.0563$	0.954	16.76	401.64
	75	$c = 0.1973\ln(t) + 0.0474$	0.9765	9.91	124.98
	85	$c = 0.1914\ln(t) + 0.1375$	0.9923	6.65	90.58
	100	$c = 0.2058\ln(t) + 0.1918$	0.9839	4.47	50.76
Se-YL	65	$c = 0.1493\ln(t) + 0.0529$	0.9463	19.98	568.84
	75	$c = 0.1835\ln(t) + 0.063$	0.9606	10.82	165.05
	85	$c = 0.2003\ln(t) + 0.1224$	0.9857	6.58	79.95
	100	$c = 0.2176\ln(t) + 0.1721$	0.9932	4.51	44.91