

Supplementary Table S4 Mathematical models fitted to the release of BLO and its active compounds from the ICs.

Temperature (°C)		pH	Korsmeyer–Peppas			Higuchi model		Zero order		First order	
			k	R ²	n	k	R ²	k	R ²	k	R ²
BLO/ β -CD	25	6.8	25.475	0.970	0.133	0.755	0.897	0.009	0.323	0.001	0.094
		7.4	16.447	0.971	0.177	0.772	0.893	0.009	0.336	0.001	0.093
	40	6.8	27.326	0.969	0.133	0.807	0.897	0.009	0.320	0.001	0.093
		7.4	28.109	0.971	0.132	0.824	0.894	0.009	0.325	0.001	0.092
Chavi/ β -CD	25	6.8	17.398	0.962	0.183	0.901	0.956	0.011	0.407	0.001	0.133
		7.4	18.121	0.961	0.182	0.924	0.953	0.011	0.401	0.001	0.131
	40	6.8	17.715	0.960	0.200	1.092	0.952	0.013	0.395	0.001	0.142
		7.4	19.054	0.962	0.201	1.184	0.955	0.014	0.399	0.001	0.140
Eug/ β -CD	25	6.8	17.449	0.963	0.183	0.899	0.956	0.011	0.407	0.001	0.132
		7.4	19.197	0.958	0.176	0.921	0.944	0.011	0.385	0.001	0.126
	40	6.8	18.237	0.960	0.199	1.107	0.952	0.013	0.392	0.001	0.140
		7.4	33.443	0.963	0.164	1.169	0.955	0.014	0.401	0.001	0.138
Alpha/ β -CD	25	6.8	19.565	0.964	0.188	1.063	0.950	0.012	0.379	0.001	0.131
		7.4	21.542	0.963	0.190	1.197	0.947	0.014	0.383	0.001	0.130
	40	6.8	19.891	0.961	0.193	1.140	0.947	0.013	0.385	0.001	0.134
		7.4	21.477	0.961	0.192	1.220	0.947	0.014	0.384	0.001	0.132