

## Supplementary data

**Supplementary Table S1.** Peak temperature ( $T_{pc}$ ), and enthalpy ( $\Delta H$ ) of wax oleogel-based margarine with rapid cooling rate

Samples	$T_{pc}$ (°C)	$\Delta H$ (Jg <sup>-1</sup> )
4% BW	46.76±0.08 <sup>a</sup>	3.99±0.30 <sup>a</sup>
6% BW	49.13±0.28 <sup>b</sup>	4.30±0.19 <sup>b</sup>
8% BW	50.63±0.34 <sup>c</sup>	4.80±0.26 <sup>c</sup>
10% BW	52.23±0.23 <sup>d</sup>	9.51±0.54 <sup>d</sup>
Commercial margarin	33.45±0.31 <sup>e</sup>	4.03±0.30 <sup>e</sup>

Values represent the average of three replicates ± standard deviation. Different superscript letters (a-e) denote significantly difference ( $p < 0.05$ ) in the same column.

**Supplementary Table S2.** Peak temperature ( $T_{pc}$ ), and enthalpy ( $\Delta H$ ) of wax oleogel-based margarine without rapid cooling rate

Samples	$T_{pc}$ (°C)	$\Delta H$ (Jg <sup>-1</sup> )
4% BW'	46.79±0.18 <sup>a</sup>	4.00±0.23 <sup>a</sup>
6% BW'	49.25±0.20 <sup>b</sup>	4.37±0.20 <sup>b</sup>
8% BW'	50.74±0.26 <sup>c</sup>	4.89±0.15 <sup>c</sup>
10% BW'	52.27±0.17 <sup>d</sup>	9.56±0.37 <sup>d</sup>

Values represent the average of three replicates ± standard deviation. Different superscript letters (a-e) denote significantly difference ( $p < 0.05$ ) in the same column.