

Supplementary Table S1: Changes in retention rate of emulsions under different treatments during storage. Data are presented as mean \pm standard deviation. Within the same treatment group, values marked with different lowercase letters (a, b, c, d) indicate statistically significant differences ($p < 0.05$) between storage days.

Group	Time (day)	Mean \pm SD	Significance group
Native	0	66.87 \pm 2.40	a
	3	60.46 \pm 1.80	ab
	6	52.89 \pm 0.90	b
	9	48.21 \pm 1.70	bc
	12	46.14 \pm 1.10	c
70°C	0	72.17 \pm 1.20	a
	3	67.85 \pm 2.10	ab
	6	55.51 \pm 1.40	b
	9	50.63 \pm 1.10	bc
	12	47.46 \pm 1.60	c
90°C	0	78.71 \pm 1.60	a
	3	70.91 \pm 2.50	ab
	6	63.82 \pm 0.80	b
	9	58.27 \pm 1.20	c
	12	53.74 \pm 1.80	c
120°C	0	83.29 \pm 1.40	a
	3	80.66 \pm 2.10	a
	6	74.65 \pm 1.20	ab
	9	68.93 \pm 1.80	b
	12	59.36 \pm 0.90	c
140°C	0	80.73 \pm 1.20	a
	3	79.94 \pm 1.90	a
	6	71.89 \pm 0.80	ab
	9	62.70 \pm 1.10	b
	12	57.38 \pm 1.70	c